



- Aptos para la interrupción, conmutación y conexión de circuitos así como para el arranque motores
- Posibilidad de esquemas eléctricos especiales
- Grado de protección frontal IP65 o IP40
- Versiones para montaje frontal, fondo armario y caja
- Amplia gama de acabados

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#### SERIE GF

- Corriente nominal térmica Ith 10A y 20A
- Hasta 24 contactos
- Apertura positiva  $\ominus$  según normas IEC/EN 60947-5-1
- Hasta 12 posiciones de conmutación
- Ángulos posiciones: 30°, 45°, 60°, 90°
- Posibilidad de instalación conjunta
- Grado de protección contactos IP20
- Grado de protección frontal estándar IP40



#### SERIE 7GN

- Corriente nominal térmica Ith 16...125A
- Bloque de contactos de sección circular
- Hasta 24 contactos
- Apertura positiva  $\ominus$  según normas IEC/EN 60947-5-1
- Hasta 12 posiciones de conmutación
- Ángulos posiciones: 30°, 45°, 60°, 90°
- Versiones en caja plástica
- Grado de protección frontal estándar IP40



#### SERIE GX

- Corriente nominal térmica Ith 16...40A
- Bloque de contactos de sección cuadrada
- Hasta 24 contactos
- Apertura positiva  $\ominus$  según normas IEC/EN 60947-5-1
- Hasta 12 posiciones de conmutación
- Ángulos posiciones: 30°, 45°, 60°, 90°
- Versiones en caja plástica
- Posibilidad de instalación conjunta
- Grado de protección contactos IP20
- Grado de protección frontal estándar IP65



#### SERIE GN

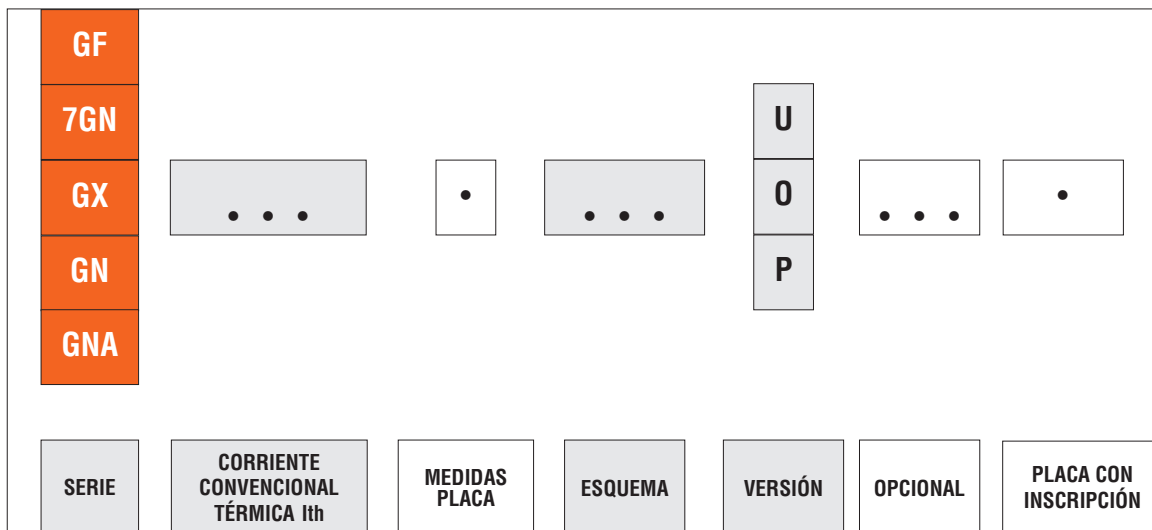
- Corriente nominal térmica Ith 200...315A
- Versiones opcionales de hasta 2000A
- Hasta 24 contactos
- Apertura positiva  $\ominus$  según normas IEC/EN 60947-5-1
- Hasta 12 posiciones de conmutación
- Ángulos posiciones: 30°, 45°, 60°, 90°
- Versiones en caja metálica
- Versiones de 200A y 315A homologadas cURus



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#### SERIE GNA20

- Corriente nominal térmica Ith 20A
- Hasta 48 contactos
- Apertura positiva  $\ominus$  según normas IEC/EN 60947-5-1
- 4 contactos por cada elemento
- Profundidad rebajada
- Ángulos posiciones: 30°, 45°, 60°, 90°
- Versiones en caja plástica
- Grado de protección contactos IP20



**GF**  
Protección:  
Frontal = IP40  
Contactos = IP20

**7GN**  
Protección:  
Frontal = IP40  
Contactos = IP00

**GX**  
Protección:  
Frontal = IP65  
Contactos = IP20

**GN**  
Protección:  
Frontal = IP40  
Contactos = IP00

**GNA**  
Protección:  
Frontal = IP40  
Contactos = IP20

| GF  | 7GN | GX  | GN   | GNA |
|-----|-----|-----|------|-----|
| 10A | 16A | 16A | 200A | 20A |
| 20A | 20A | 20A | 315A |     |
|     | 25A | 32A | 40A  |     |
|     | 40A | 63A | 125A |     |

90  
91  
10  
92  
99  
100  
....  
❶

**U** = montaje frontal

**O** = montaje en fondo armario

**P** = en caja plástica

**L** = en caja metálica (solo serie GN)

**N** = Añadir N para versión con placa frontal con inscripción y etiqueta neutra

Añadir H si se desea la placa frontal más grande

| Placa estándar              | Placa más grande              |
|-----------------------------|-------------------------------|
| <b>GF10</b> = 30x30mm       | <b>GF10H</b> = 48x48mm        |
| <b>GF20</b> = 48x48mm       | <b>GF20H</b> = 65x65mm        |
| <b>7GN12...25</b> = 48x48mm | <b>7GN12H...25H</b> = 65x65mm |
| <b>7GN32...63</b> = 65x65mm | <b>7GN32H...63H</b> = 90x90mm |
| <b>GX16...20</b> = 48x48mm  | <b>GX16H...20H</b> = 65x65mm  |
| <b>GX32...40</b> = 65x65mm  | <b>GX32H...40H</b> = 90x90mm  |
| <b>GNA20</b> = 65x65mm      | <b>GNA20H</b> = 90x90mm       |

|            |   |
|------------|---|
| <b>25</b>  | Montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales  |
| <b>65</b>  | Montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (solo 7GN)                               |
| <b>11</b>  | Montaje frontal con maneta negra sin placa con fijación agujero Ø22mm   |
| <b>12</b>  | Montaje frontal sin placa con mando de llave y fijación agujero Ø22mm   |
| <b>47</b>  | Montaje frontal con maneta negra y fijación a presión para agujero Ø22mm  |
| <b>48</b>  | Modular para montaje en guía DIN con maneta negra   |
| <b>88</b>  | Montaje en fondo armario con maneta amarillo/rojo enclavable en 0 con función embrague y cubreterminales            |
| <b>98</b>  | Montaje en fondo armario con maneta amarillo/rojo enclavable en 0 con función embrague y cubreterminales (solo 7GN) |
| <b>4V</b>  | Montaje frontal fijación con 4 tornillos  |
| <b>51</b>  | Montaje frontal con maneta negra y protección frontal IP65  |
| <b>24</b>  | Montaje frontal con maneta amarillo/rojo no enclavable y sin cubreterminales  |
| <b>29</b>  | Montaje frontal con placa, mando de llave y fijación agujero Ø22mm  |
| <b>29D</b> | Montaje frontal con mando de llave y fijación a presión para agujero Ø22mm  |
| <b>06</b>  | Montaje frontal con maneta negra enclavable en 0  |
| <b>49</b>  | Modular con mando de llave para montaje en guía DIN   |

Ejemplo de código:

**GX1653P** = Conmutador de línea de 16A tripolar, de 3 posiciones y 3 elementos en caja 90x90mm (IP65).

**7GN25H90U51** = Interruptor de 25A unipolar de 2 posiciones, 1 elemento, placa más grande 65x65mm con protección frontal IP65, montaje frontal.

Para más información rogamos consultar con nuestro servicio de atención a clientes (datos de contacto en la contraportada).

❶ Esquemas especiales bajo pedido; rellenar el formulario en pág. 11-3.



Para más información (configuración contactos, esquemas, inscripciones placa, etc.) consultar la instrucción I230 en el sitio web [www.LovatoElectric.com](http://www.LovatoElectric.com) o [www.LovatoElectric.es](http://www.LovatoElectric.es)

|   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 4 | 5 | 8 | 9  | 12 | 13 | 16 | 17 | 20 | 21 | 24 | 25 | 28 | 29 | 32 | 33 | 36 | 37 | 40 | 41 | 44 | 45 | 48 |
|   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2 | 3 | 6 | 7 | 10 | 11 | 14 | 15 | 18 | 19 | 22 | 23 | 26 | 27 | 30 | 31 | 34 | 35 | 38 | 39 | 42 | 43 | 46 | 47 |

| Simbología placa | pos. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 7    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>C</b>         | 8    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 9    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 10   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>D</b>         | 11   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 12   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 1    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>A</b>         | 2    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 3    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 4    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>B</b>         | 5    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  | 6    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Placa frontal**

|   |                            |   |                         |                         |                           |
|---|----------------------------|---|-------------------------|-------------------------|---------------------------|
| 1 | X                          | X   | X                       | X                       |                           |
| 2 | X                          | X   | X                       |                         | X                         |
|   | <b>Contactos solapados</b> | <b>Contacto cerrado en 2 o más posiciones</b> | <b>Contacto abierto</b> | <b>Contacto cerrado</b> | <b>Retorno automático</b> |

SERIE:  GF  7GN  GX  GN  GNA Corriente nominal.....

VERSIÓN:  Montaje frontal  Montaje fondo armario  En caja  Otros .....

ACABADO:  Estándar  Maneta amarillo/rojo  Especial .....

FIJACIÓN:  2 tornillos  4 tornillos  A presión

Unidades:..... Razón social: .....

Persona referente: .....

❶ El acabado estándar tiene la placa frontal negra, con inscripciones 0-12 y maneta negras. Cualquier otro tipo se considera especial. Consultar también la instrucción I230 en el sitio web [www.LovatoElectric.com](http://www.LovatoElectric.com) o [www.LovatoElectric.es](http://www.LovatoElectric.es).

### INTERRUPTORES



Versión para montaje frontal con maneta negra (U)⓪

| ESQUEMAS |                    |  |                        | ⓪90      | ⓪91       | ⓪10       | ⓪92      | ⓪05      | ⓪06       | ⓪07       | ⓪08       | ⓪03      |
|----------|--------------------|--|------------------------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|
| Polos    |                    |  |                        | 1        | 2         | 3         | 4        | 1        | 2         | 3         | 4         | 3        |
| Serie    | Medidas placa [mm] | Corriente térmica convenc. I <sub>th</sub> [A] | UL/CSA uso general [A] |          |           |           |          |          |           |           |           |          |
| GF...    | □30                | 10   | 10                     | GF1090U  | GF1091U   | GF1010U   | GF1092U  | GF1005U  | GF1006U   | GF1007U   | GF1008U   | GF1003U  |
|          | □48                | 20   | 15                     | GF2090U  | GF2091U   | GF2010U   | GF2092U  | GF2005U  | GF2006U   | GF2007U   | GF2008U   | GF2003U  |
| 7GN...   | □48                | 16   | 15                     | 7GN1290U | 7GN1291U  | 7GN1210U  | 7GN1292U | 7GN1205U | 7GN1206U  | 7GN1207U  | 7GN1208U  | 7GN1203U |
|          |                    | 20   | 20                     | 7GN2090U | 7GN2091U  | 7GN2010U  | 7GN2092U | 7GN2005U | 7GN2006U  | 7GN2007U  | 7GN2008U  | 7GN2003U |
|          |                    | 25   | 30                     | 7GN2590U | 7GN2591U  | 7GN2510U  | 7GN2592U | 7GN2505U | 7GN2506U  | 7GN2507U  | 7GN2508U  | 7GN2503U |
|          | □65                | 32   | 40                     | 7GN3290U | 7GN3291U  | 7GN3210U  | 7GN3292U | 7GN3205U | 7GN3206U  | 7GN3207U  | 7GN3208U  | 7GN3203U |
|          |                    | 40   | 50                     | 7GN4090U | 7GN4091U  | 7GN4010U  | 7GN4092U | 7GN4005U | 7GN4006U  | 7GN4007U  | 7GN4008U  | 7GN4003U |
|          |                    | 63   | 60                     | —        | —         | 7GN6310U  | 7GN6392U | —        | —         | 7GN6307U  | 7GN6308U  | 7GN6303U |
| □90      | 125                | 130  | —                      | —        | 7GN12510U | 7GN12592U | —        | —        | 7GN12507U | 7GN12508U | 7GN12503U |          |
| GX...    | □48                | 16   | 12                     | GX1690U  | GX1691U   | GX1610U   | GX1692U  | GX1605U  | GX1606U   | GX1607U   | GX1608U   | GX1603U  |
|          |                    | 20   | 15                     | GX2090U  | GX2091U   | GX2010U   | GX2092U  | GX2005U  | GX2006U   | GX2007U   | GX2008U   | GX2003U  |
|          | □65                | 32   | 32                     | GX3290U  | GX3291U   | GX3210U   | GX3292U  | GX3205U  | GX3206U   | GX3207U   | GX3208U   | GX3203U  |
|          |                    | 40   | 40                     | GX4090U  | GX4091U   | GX4010U   | GX4092U  | GX4005U  | GX4006U   | GX4007U   | GX4008U   | GX4003U  |
| GN...    | □132               | 200  | 200                    | —        | —         | GN20010U  | GN20092U | —        | —         | GN20007U  | GN20008U  | GN20003U |
|          |                    | 315  | 255                    | —        | —         | GN31510U  | GN31592U | —        | —         | GN31507U  | GN31508U  | GN31503U |



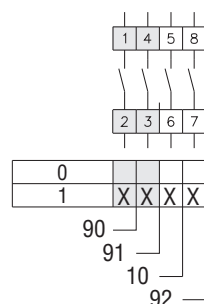
Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U25)⓪

| ESQUEMAS |                    |  |                        | ⓪90        | ⓪91        | ⓪10        | ⓪92        | ⓪05        | ⓪06        | ⓪07        | ⓪08        |
|----------|--------------------|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |                    |  |                        | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          |
| Serie    | Medidas placa [mm] | Corriente térmica convenc. I <sub>th</sub> [A] | UL/CSA uso general [A] |            |            |            |            |            |            |            |            |
| GF...    | □48                | 20   | 15                     | GF2090U25  | GF2091U25  | GF2010U25  | GF2092U25  | GF2005U25  | GF2006U25  | GF2007U25  | GF2008U25  |
| 7GN...   | □65                | 16   | 15                     | 7GN1290U25 | 7GN1291U25 | 7GN1210U25 | 7GN1292U25 | 7GN1205U25 | 7GN1206U25 | 7GN1207U25 | 7GN1208U25 |
|          |                    | 20   | 20                     | 7GN2090U25 | 7GN2091U25 | 7GN2010U25 | 7GN2092U25 | 7GN2005U25 | 7GN2006U25 | 7GN2007U25 | 7GN2008U25 |
|          |                    | 25   | 30                     | 7GN2590U25 | 7GN2591U25 | 7GN2510U25 | 7GN2592U25 | 7GN2505U25 | 7GN2506U25 | 7GN2507U25 | 7GN2508U25 |
|          |                    | 32   | 40                     | 7GN3290U25 | 7GN3291U25 | 7GN3210U25 | 7GN3292U25 | 7GN3205U25 | 7GN3206U25 | 7GN3207U25 | 7GN3208U25 |
| GX...    | □48                | 16   | 12                     | GX1690U25  | GX1691U25  | GX1610U25  | GX1692U25  | GX1605U25  | GX1606U25  | GX1607U25  | GX1608U25  |
|          |                    | 20   | 15                     | GX2090U25  | GX2091U25  | GX2010U25  | GX2092U25  | GX2005U25  | GX2006U25  | GX2007U25  | GX2008U25  |
| GX...    | □65                | 32   | 32                     | GX3290U25  | GX3291U25  | GX3210U25  | GX3292U25  | GX3205U25  | GX3206U25  | GX3207U25  | GX3208U25  |
|          |                    | 40   | 40                     | GX4090U25  | GX4091U25  | GX4010U25  | GX4092U25  | GX4005U25  | GX4006U25  | GX4007U25  | GX4008U25  |

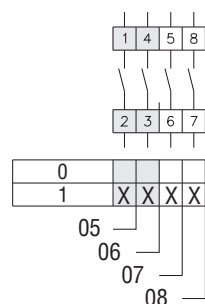
- ⓪ Para versión con maneta negra enclavable en 0, sin cubreterminales, añadir 06 (p. ej. GF1090U06).
- ⓪ La versión estándar incluye una placa 0-1. Para versión con placa 0-1 añadir la letra C (p. ej. GF20C90U). Para versión con placa OFF-ON añadir la letra D (p. ej. GF20D90U).
- ⓪ Para versión con placa OFF-ON añadir la letra C (p. ej. GF20C05U).
- ⓪ Para versión con maneta amarillo/rojo sin enclavamiento ni cubreterminales, sustituir U25 por U24 (p. ej. GF2090U24).

### ESQUEMAS

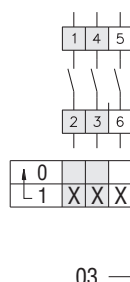
#### 90-91-10-92



#### 05-06-07-08



#### 03



### INTERRUPTORES



Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U65)

| ESQUEMAS |               |                                |                    | 1 <sup>90</sup> | 1 <sup>91</sup> | 1 <sup>10</sup> | 1 <sup>92</sup> | 2 <sup>05</sup> | 2 <sup>06</sup> | 2 <sup>07</sup> | 2 <sup>08</sup> |
|----------|---------------|--------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Polos    |               |                                |                    | 1               | 2               | 3               | 4               | 1               | 2               | 3               | 4               |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |                 |                 |                 |                 |                 |                 |                 |                 |
|          | [mm]          | [A]                            | [A]                |                 |                 |                 |                 |                 |                 |                 |                 |
| 7GN...   | □65           | 16                             | 15                 | 7GN1290U65      | 7GN1291U65      | 7GN1210U65      | 7GN1292U65      | 7GN1205U65      | 7GN1206U65      | 7GN1207U65      | 7GN1208U65      |
|          |               | 20                             | 20                 | 7GN2090U65      | 7GN2091U65      | 7GN2010U65      | 7GN2092U65      | 7GN2005U65      | 7GN2006U65      | 7GN2007U65      | 7GN2008U65      |
|          |               | 25                             | 30                 | 7GN2590U65      | 7GN2591U65      | 7GN2510U65      | 7GN2592U65      | 7GN2505U65      | 7GN2506U65      | 7GN2507U65      | 7GN2508U65      |
|          |               | 32                             | 40                 | 7GN3290U65      | 7GN3291U65      | 7GN3210U65      | 7GN3292U65      | 7GN3205U65      | 7GN3206U65      | 7GN3207U65      | 7GN3208U65      |
|          |               | 40                             | 50                 | 7GN4090U65      | 7GN4091U65      | 7GN4010U65      | 7GN4092U65      | 7GN4005U65      | 7GN4006U65      | 7GN4007U65      | 7GN4008U65      |
|          | 63            | 60                             | —                  | —               | 7GN6310U65      | 7GN6392U65      | —               | —               | 7GN6307U65      | 7GN6308U65      |                 |
| □90      | 125           | 130                            | —                  | —               | 7GN12510U65     | 7GN12592U65     | —               | —               | 7GN12507U65     | 7GN12508U65     |                 |



Versión para montaje frontal con maneta negra sin placa con fijación agujero Ø22mm (U11)

| ESQUEMAS |               |                                |                    | 90         | 91         | 10         | 92         | 05         | 06         | 07         | 08         | 03         |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          | 3          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |            |
|          | [mm]          | [A]                            | [A]                |            |            |            |            |            |            |            |            |            |
| GF...    | —             | 20                             | 15                 | GF2090U11  | GF2091U11  | GF2010U11  | GF2092U11  | GF2005U11  | GF2006U11  | GF2007U11  | GF2008U11  | GF2003U11  |
| 7GN...   | —             | 16                             | 15                 | 7GN1290U11 | 7GN1291U11 | 7GN1210U11 | 7GN1292U11 | 7GN1205U11 | 7GN1206U11 | 7GN1207U11 | 7GN1208U11 | 7GN1203U11 |
|          |               | 20                             | 20                 | 7GN2090U11 | 7GN2091U11 | 7GN2010U11 | 7GN2092U11 | 7GN2005U11 | 7GN2006U11 | 7GN2007U11 | 7GN2008U11 | 7GN2003U11 |
|          |               | 25                             | 30                 | 7GN2590U11 | 7GN2591U11 | 7GN2510U11 | 7GN2592U11 | 7GN2505U11 | 7GN2506U11 | 7GN2507U11 | 7GN2508U11 | 7GN2503U11 |
| GX...    | —             | 16                             | 12                 | GX1690U11  | GX1691U11  | GX1610U11  | GX1692U11  | GX1605U11  | GX1606U11  | GX1607U11  | GX1608U11  | GX1603U11  |
|          |               | 20                             | 15                 | GX2090U11  | GX2091U11  | GX2010U11  | GX2092U11  | GX2005U11  | GX2006U11  | GX2007U11  | GX2008U11  | GX2003U11  |

- La versión estándar incluye una placa 0-1. Para versión con placa 0-1 añadir la letra C (p. ej. 7GN12C90U65). Para versión con placa OFF-ON añadir la letra D (p. ej. 7GN12D90U65).
- Para versión con placa OFF-ON añadir la letra C (p. ej. 7GN12C05U65).

### Características técnicas

| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF10...   | 10                              | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                            | 3                              |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 25        | 7,5                             | 30                             |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 40        | 11                              | 45                             |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

### INTERRUPTORES



Versión para montaje frontal sin placa con mando de llave y fijación agujero Ø22mm (U12) ❶

| ESQUEMAS |               |                                |                    | 90         | 91         | 10         | 92         | 05         | 06         | 07         | 08         | 03         |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          | 3          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |            |
|          | [mm]          |                                |                    | [A]        | [A]        |            |            |            |            |            |            |            |
| GF...    | —             | 20                             | 15                 | GF2090U12  | GF2091U12  | GF2010U12  | GF2092U12  | GF2005U12  | GF2006U12  | GF2007U12  | GF2008U12  | GF2003U12  |
| 7GN...   | —             | 16                             | 15                 | 7GN1290U12 | 7GN1291U12 | 7GN1210U12 | 7GN1292U12 | 7GN1205U12 | 7GN1206U12 | 7GN1207U12 | 7GN1208U12 | 7GN1203U12 |
|          |               | 20                             | 20                 | 7GN2090U12 | 7GN2091U12 | 7GN2010U12 | 7GN2092U12 | 7GN2005U12 | 7GN2006U12 | 7GN2007U12 | 7GN2008U12 | 7GN2003U12 |
|          |               | 25                             | 30                 | 7GN2590U12 | 7GN2591U12 | 7GN2510U12 | 7GN2592U12 | 7GN2505U12 | 7GN2506U12 | 7GN2507U12 | 7GN2508U12 | 7GN2503U12 |
| GX...    | —             | 16                             | 12                 | GX1690U12  | GX1691U12  | GX1610U12  | GX1692U12  | GX1605U12  | GX1606U12  | GX1607U12  | GX1608U12  | GX1603U12  |
|          |               | 20                             | 15                 | GX2090U12  | GX2091U12  | GX2010U12  | GX2092U12  | GX2005U12  | GX2006U12  | GX2007U12  | GX2008U12  | GX2003U12  |



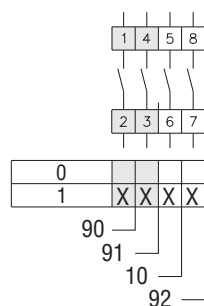
Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47) ❷

| ESQUEMAS |               |                                |                    | ❷90        | ❷91        | ❷10        | ❷92        | ❸05        | ❸06        | ❸07        | ❸08        | ❸03        |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          | 3          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |            |
|          | [mm]          |                                |                    | [A]        | [A]        |            |            |            |            |            |            |            |
| GF...    | □30           | 10                             | 10                 | GF1090U47  | GF1091U47  | GF1010U47  | GF1092U47  | GF1005U47  | GF1006U47  | GF1007U47  | GF1008U47  | GF1003U47  |
|          | □48           | 20                             | 15                 | GF2090U47  | GF2091U47  | GF2010U47  | GF2092U47  | GF2005U47  | GF2006U47  | GF2007U47  | GF2008U47  | GF2003U47  |
| 7GN...   | □48           | 16                             | 15                 | 7GN1290U47 | 7GN1291U47 | 7GN1210U47 | 7GN1292U47 | 7GN1205U47 | 7GN1206U47 | 7GN1207U47 | 7GN1208U47 | 7GN1203U47 |
|          |               | 20                             | 20                 | 7GN2090U47 | 7GN2091U47 | 7GN2010U47 | 7GN2092U47 | 7GN2005U47 | 7GN2006U47 | 7GN2007U47 | 7GN2008U47 | 7GN2003U47 |
|          |               | 25                             | 30                 | 7GN2590U47 | 7GN2591U47 | 7GN2510U47 | 7GN2592U47 | 7GN2505U47 | 7GN2506U47 | 7GN2507U47 | 7GN2508U47 | 7GN2503U47 |
| GX...    | □48           | 16                             | 12                 | GX1690U47  | GX1691U47  | GX1610U47  | GX1692U47  | GX1605U47  | GX1606U47  | GX1607U47  | GX1608U47  | GX1603U47  |
|          |               | 20                             | 15                 | GX2090U47  | GX2091U47  | GX2010U47  | GX2092U47  | GX2005U47  | GX2006U47  | GX2007U47  | GX2008U47  | GX2003U47  |

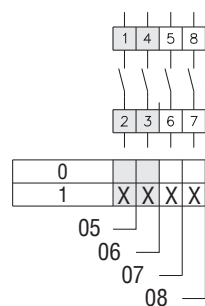
- ❶ Para versión con placa frontal sustituir U12 por U29 (p. ej. GF2090U29).
- ❷ La versión estándar incluye una placa 0-1. Para versión con placa 0-1 añadir la letra C (p. ej. GF20C90U12). Para versión con placa OFF-ON añadir la letra D (p. ej. GF20D90U12).
- ❸ Para versión con placa OFF-ON añadir la letra C (p. ej. GF20C05U12).
- ❹ Para versión de llave sustituir U47 por U29D (p. ej. GF1090U29D).

### ESQUEMAS

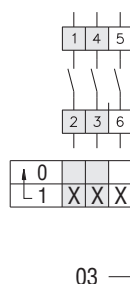
#### 90-91-10-92



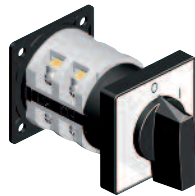
#### 05-06-07-08



#### 03



### INTERRUPTORES



Versión para montaje en fondo armario con maneta negra (0)

| ESQUEMAS |                    |                                    |                        | 1 90     | 1 91     | 1 10     | 1 92     | 3 05     | 3 06     | 3 07     | 3 08     | 3 03     |
|----------|--------------------|------------------------------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Polos    |                    |                                    |                        | 1        | 2        | 3        | 4        | 1        | 2        | 3        | 4        | 3        |
| Serie    | Medidas placa [mm] | Corriente térmica convenc. lth [A] | UL/CSA uso general [A] |          |          |          |          |          |          |          |          |          |
| GF...    | 48                 | 20                                 | 15                     | GF20900  | GF20910  | GF20100  | GF20920  | GF20050  | GF20060  | GF20070  | GF20080  | GF20030  |
| 7GN...   | 48                 | 16                                 | 15                     | 7GN12900 | 7GN12910 | 7GN12100 | 7GN12920 | 7GN12050 | 7GN12060 | 7GN12070 | 7GN12080 | 7GN12030 |
|          |                    | 20                                 | 20                     | 7GN20900 | 7GN20910 | 7GN20100 | 7GN20920 | 7GN20050 | 7GN20060 | 7GN20070 | 7GN20080 | 7GN20030 |
|          |                    | 25                                 | 30                     | 7GN25900 | 7GN25910 | 7GN25100 | 7GN25920 | 7GN25050 | 7GN25060 | 7GN25070 | 7GN25080 | 7GN25030 |
|          | 65                 | 32                                 | 40                     | 7GN32900 | 7GN32910 | 7GN32100 | 7GN32920 | 7GN32050 | 7GN32060 | 7GN32070 | 7GN32080 | 7GN32030 |
|          |                    | 40                                 | 50                     | 7GN40900 | 7GN40910 | 7GN40100 | 7GN40920 | 7GN40050 | 7GN40060 | 7GN40070 | 7GN40080 | 7GN40030 |
| 90       | 125                | 130                                | —                      | —        | 7GN63100 | 7GN63920 | —        | —        | 7GN63070 | 7GN63080 | 7GN63030 |          |
| GX...    | 48                 | 16                                 | 12                     | GX16900  | GX16910  | GX16100  | GX16920  | GX16050  | GX16060  | GX16070  | GX16080  | GX16030  |
|          |                    | 20                                 | 15                     | GX20900  | GX20910  | GX20100  | GX20920  | GX20050  | GX20060  | GX20070  | GX20080  | GX20030  |
|          | 65                 | 32                                 | 32                     | GX32900  | GX32910  | GX32100  | GX32920  | GX32050  | GX32060  | GX32070  | GX32080  | GX32030  |
|          |                    | 40                                 | 40                     | GX40900  | GX40910  | GX40100  | GX40920  | GX40050  | GX40060  | GX40070  | GX40080  | GX40030  |
| GN...    | 132                | 200                                | 200                    | —        | —        | GN200100 | GN200920 | —        | —        | GN200070 | GN200080 | GN200030 |
|          |                    | 315                                | 255                    | —        | —        | GN315100 | GN315920 | —        | —        | GN315070 | GN315080 | GN315030 |

11



Versión modular con maneta negra para montaje en guía DIN (048)

| ESQUEMAS |                    |                                    |                        | 1 90       | 1 91       | 1 10       | 1 92       | 3 05       | 3 06       | 3 07       | 3 08       |
|----------|--------------------|------------------------------------|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |                    |                                    |                        | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          |
| Serie    | Medidas placa [mm] | Corriente térmica convenc. lth [A] | UL/CSA uso general [A] |            |            |            |            |            |            |            |            |
| GF...    | 45x54              | 20                                 | 15                     | GF2090048  | GF2091048  | GF2010048  | GF2092048  | GF2005048  | GF2006048  | GF2007048  | GF2008048  |
| 7GN...   | 45x54              | 16                                 | 15                     | 7GN1290048 | 7GN1291048 | 7GN1210048 | 7GN1292048 | 7GN1205048 | 7GN1206048 | 7GN1207048 | 7GN1208048 |
|          |                    | 20                                 | 20                     | 7GN2090048 | 7GN2091048 | 7GN2010048 | 7GN2092048 | 7GN2005048 | 7GN2006048 | 7GN2007048 | 7GN2008048 |
|          |                    | 25                                 | 30                     | 7GN2590048 | 7GN2591048 | 7GN2510048 | 7GN2592048 | 7GN2505048 | 7GN2506048 | 7GN2507048 | 7GN2508048 |
| GX...    | 45x54              | 16                                 | 12                     | GX1690048  | GX1691048  | GX1610048  | GX1692048  | GX1605048  | GX1606048  | GX1607048  | GX1608048  |
|          |                    | 20                                 | 15                     | GX2090048  | GX2091048  | GX2010048  | GX2092048  | GX2005048  | GX2006048  | GX2007048  | GX2008048  |

- 1 La versión estándar incluye una placa 0-1. Para versión con placa 0-I añadir la letra C (p. ej. GF20C900). Para versión con placa OFF-ON añadir la letra D (p. ej. GF20D900).
- 2 Para versión de llave sustituir 048 por 049 (p. ej. GF2090049).
- 3 Para versión con placa OFF-ON añadir la letra C (p. ej. GF20C050).

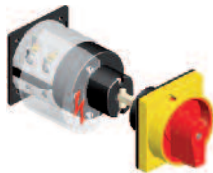
### Características técnicas

| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 power monofásica [kW] a 230V | IEC AC23 power trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------------|--------------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                       |                                      |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                       |                                      |
| GF10...   | 10                              | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                                  | 3                                    |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | —         | 2                                     | 7,5                                  |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                                   | 5,5                                  |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                                   | 7,5                                  |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                                   | 11                                   |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                                     | 15                                   |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                                     | 18,5                                 |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 25        | 7,5                                   | 30                                   |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 40        | 11                                    | 45                                   |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 power monofásica [kW] a 230V | IEC AC23 power trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------------|--------------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                       |                                      |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                       |                                      |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                                   | 6,5                                  |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                                   | 7,5                                  |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                                   | 15                                   |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                                   | 18,5                                 |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                                     | 47                                   |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                                    | 110                                  |

### INTERRUPTORES

Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (088)



| ESQUEMAS |               |                                |                    | 190        | 191        | 110        | 192        | 205        | 206        | 207        | 208        |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |
|          | [mm]          | [A]                            | [A]                |            |            |            |            |            |            |            |            |
| GF...    | 48            | 20                             | 15                 | GF2090088  | GF2091088  | GF2010088  | GF2092088  | GF2005088  | GF2006088  | GF2007088  | GF2008088  |
| 7GN...   | 65            | 16                             | 15                 | 7GN1290088 | 7GN1291088 | 7GN1210088 | 7GN1292088 | 7GN1205088 | 7GN1206088 | 7GN1207088 | 7GN1208088 |
|          |               | 20                             | 20                 | 7GN2090088 | 7GN2091088 | 7GN2010088 | 7GN2092088 | 7GN2005088 | 7GN2006088 | 7GN2007088 | 7GN2008088 |
|          |               | 25                             | 30                 | 7GN2590088 | 7GN2591088 | 7GN2510088 | 7GN2592088 | 7GN2505088 | 7GN2506088 | 7GN2507088 | 7GN2508088 |
|          |               | 32                             | 40                 | 7GN3290088 | 7GN3291088 | 7GN3210088 | 7GN3292088 | 7GN3205088 | 7GN3206088 | 7GN3207088 | 7GN3208088 |
|          |               | 40                             | 50                 | 7GN4090088 | 7GN4091088 | 7GN4010088 | 7GN4092088 | 7GN4005088 | 7GN4006088 | 7GN4007088 | 7GN4008088 |
| GX...    | 48            | 16                             | 12                 | GX1690088  | GX1691088  | GX1610088  | GX1692088  | GX1605088  | GX1606088  | GX1607088  | GX1608088  |
|          |               | 20                             | 15                 | GX2090088  | GX2091088  | GX2010088  | GX2092088  | GX2005088  | GX2006088  | GX2007088  | GX2008088  |
|          | 65            | 32                             | 32                 | GX3290088  | GX3291088  | GX3210088  | GX3292088  | GX3205088  | GX3206088  | GX3207088  | GX3208088  |
|          |               | 40                             | 40                 | GX4090088  | GX4091088  | GX4010088  | GX4092088  | GX4005088  | GX4006088  | GX4007088  | GX4008088  |

Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (098)

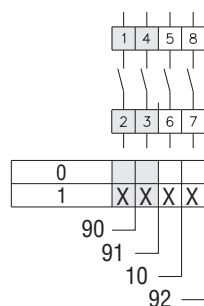


| ESQUEMAS |               |                                |                    | 190        | 191        | 110        | 192        | 205        | 206        | 207        | 208        |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 4          | 1          | 2          | 3          | 4          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |
|          | [mm]          | [A]                            | [A]                |            |            |            |            |            |            |            |            |
| 7GN...   | 65            | 16                             | 15                 | 7GN1290098 | 7GN1291098 | 7GN1210098 | 7GN1292098 | 7GN1205098 | 7GN1206098 | 7GN1207098 | 7GN1208098 |
|          |               | 20                             | 20                 | 7GN2090098 | 7GN2091098 | 7GN2010098 | 7GN2092098 | 7GN2005098 | 7GN2006098 | 7GN2007098 | 7GN2008098 |
|          |               | 25                             | 30                 | 7GN2590098 | 7GN2591098 | 7GN2510098 | 7GN2592098 | 7GN2505098 | 7GN2506098 | 7GN2507098 | 7GN2508098 |
|          |               | 32                             | 40                 | 7GN3290098 | 7GN3291098 | 7GN3210098 | 7GN3292098 | 7GN3205098 | 7GN3206098 | 7GN3207098 | 7GN3208098 |
|          |               | 40                             | 50                 | 7GN4090098 | 7GN4091098 | 7GN4010098 | 7GN4092098 | 7GN4005098 | 7GN4006098 | 7GN4007098 | 7GN4008098 |
|          |               | 63                             | 60                 | —          | —          | 7GN6310098 | 7GN6392098 | —          | —          | 7GN6307098 | 7GN6308098 |

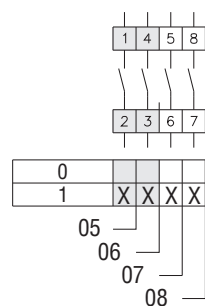
1 La versión estándar incluye una placa 0-1. Para versión con placa 0-1 añadir la letra C (p. ej. GF20C90088). Para versión con placa OFF-ON añadir la letra D (p. ej. GF20D90088).  
 2 Para versión con placa OFF-ON añadir la letra C (p. ej. GF20C05088).

### ESQUEMAS

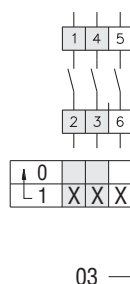
#### 90-91-10-92



#### 05-06-07-08



#### 03



### INTERRUPTORES

Versión con maneta negra en caja plástica (P)  
Versión con maneta negra en caja metálica (L)



| ESQUEMAS |                   |                                    |                        | 190      | 191       | 110       | 192      | 205      | 206       | 207       | 208       | 203      |
|----------|-------------------|------------------------------------|------------------------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|
| Polos    |                   |                                    |                        | 1        | 2         | 3         | 4        | 1        | 2         | 3         | 4         | 3        |
| Serie    | Medidas caja [mm] | Corriente térmica convenc. lth [A] | UL/CSA uso general [A] |          |           |           |          |          |           |           |           |          |
| 7GN...   | 75x75             | 16                                 | 15                     | 7GN1290P | 7GN1291P  | 7GN1210P  | 7GN1292P | 7GN1205P | 7GN1206P  | 7GN1207P  | 7GN1208P  | 7GN1203P |
|          |                   | 20                                 | 20                     | 7GN2090P | 7GN2091P  | 7GN2010P  | 7GN2092P | 7GN2005P | 7GN2006P  | 7GN2007P  | 7GN2008P  | 7GN2003P |
|          |                   | 25                                 | 30                     | 7GN2590P | 7GN2591P  | 7GN2510P  | 7GN2592P | 7GN2505P | 7GN2506P  | 7GN2507P  | 7GN2508P  | 7GN2503P |
|          | 90x90             | 32                                 | 40                     | 7GN3290P | 7GN3291P  | 7GN3210P  | 7GN3292P | 7GN3205P | 7GN3206P  | 7GN3207P  | 7GN3208P  | 7GN3203P |
|          | 110x110           | 40                                 | 50                     | 7GN4090P | 7GN4091P  | 7GN4010P  | 7GN4092P | 7GN4005P | 7GN4006P  | 7GN4007P  | 7GN4008P  | 7GN4003P |
|          | 125x175           | 63                                 | 60                     | —        | —         | 7GN6310P  | 7GN6392P | —        | —         | 7GN6307P  | 7GN6308P  | 7GN6303P |
| 180x254  | 125               | 130                                | —                      | —        | 7GN12510P | 7GN12592P | —        | —        | 7GN12507P | 7GN12508P | 7GN12503P |          |
| GX...    | 90x90             | 16                                 | 12                     | GX1690P  | GX1691P   | GX1610P   | GX1692P  | GX1605P  | GX1606P   | GX1607P   | GX1608P   | GX1603P  |
|          |                   | 20                                 | 15                     | GX2090P  | GX2091P   | GX2010P   | GX2092P  | GX2005P  | GX2006P   | GX2007P   | GX2008P   | GX2003P  |
|          | 110x110           | 32                                 | 32                     | GX3290P  | GX3291P   | GX3210P   | GX3292P  | GX3205P  | GX3206P   | GX3207P   | GX3208P   | GX3203P  |
|          |                   | 40                                 | 40                     | GX4090P  | GX4091P   | GX4010P   | GX4092P  | GX4005P  | GX4006P   | GX4007P   | GX4008P   | GX4003P  |
| GN...    | 250x316           | 200                                | 200                    | —        | —         | GN20010L  | GN20092L | —        | —         | GN20007L  | GN20008L  | GN20003L |
|          |                   | 315                                | 255                    | —        | —         | GN31510L  | GN31592L | —        | —         | GN31507L  | GN31508L  | GN31503L |

Versión con maneta amarillo/rojo en caja plástica (P25)



| ESQUEMAS |                   |                                    |                        | 190        | 191         | 110        | 192        | 205        | 206         | 207         | 208        |
|----------|-------------------|------------------------------------|------------------------|------------|-------------|------------|------------|------------|-------------|-------------|------------|
| Polos    |                   |                                    |                        | 1          | 2           | 3          | 4          | 1          | 2           | 3           | 4          |
| Serie    | Medidas caja [mm] | Corriente térmica convenc. lth [A] | UL/CSA uso general [A] |            |             |            |            |            |             |             |            |
| 7GN...   | 90x90             | 16                                 | 15                     | 7GN1290P25 | 7GN1291P25  | 7GN1210P25 | 7GN1292P25 | 7GN1205P25 | 7GN1206P25  | 7GN1207P25  | 7GN1208P25 |
|          |                   | 20                                 | 20                     | 7GN2090P25 | 7GN2091P25  | 7GN2010P25 | 7GN2092P25 | 7GN2005P25 | 7GN2006P25  | 7GN2007P25  | 7GN2008P25 |
|          |                   | 25                                 | 30                     | 7GN2590P25 | 7GN2591P25  | 7GN2510P25 | 7GN2592P25 | 7GN2505P25 | 7GN2506P25  | 7GN2507P25  | 7GN2508P25 |
|          | 32                | 40                                 | 7GN3290P25             | 7GN3291P25 | 7GN3210P25  | 7GN3292P25 | 7GN3205P25 | 7GN3206P25 | 7GN3207P25  | 7GN3208P25  |            |
|          | 110x110           | 40                                 | 50                     | 7GN4090P25 | 7GN4091P25  | 7GN4010P25 | 7GN4092P25 | 7GN4005P25 | 7GN4006P25  | 7GN4007P25  | 7GN4008P25 |
|          | 125x175           | 63                                 | 60                     | —          | —           | 7GN6310P25 | 7GN6392P25 | —          | —           | 7GN6307P25  | 7GN6308P25 |
| 180x254  | 125               | 130                                | —                      | —          | 7GN12510P25 | —          | —          | —          | 7GN12507P25 | 7GN12508P25 |            |
| GX...    | 90x90             | 16                                 | 12                     | GX1690P25  | GX1691P25   | GX1610P25  | GX1692P25  | GX1605P25  | GX1606P25   | GX1607P25   | GX1608P25  |
|          |                   | 20                                 | 15                     | GX2090P25  | GX2091P25   | GX2010P25  | GX2092P25  | GX2005P25  | GX2006P25   | GX2007P25   | GX2008P25  |
|          | 110x110           | 32                                 | 32                     | GX3290P25  | GX3291P25   | GX3210P25  | GX3292P25  | GX3205P25  | GX3206P25   | GX3207P25   | GX3208P25  |
|          |                   | 40                                 | 40                     | GX4090P25  | GX4091P25   | GX4010P25  | GX4092P25  | GX4005P25  | GX4006P25   | GX4007P25   | GX4008P25  |

- La versión estándar incluye una placa 0-1. Para versión con placa 0-I añadir la letra C (p. ej. 7GN12C90P). Para versión con placa OFF-ON añadir la letra D (p. ej. 7GN12D90P).
- Para versión con placa OFF-ON añadir la letra C (p. ej. 7GN12C05P).

### Características técnicas



| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | 2         | 7,5                             |                                |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | 1,7       | 5,5                             |                                |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 2,5       | 7,5                             |                                |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 3,7       | 11                              |                                |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 4         | 15                              |                                |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 6         | 18,5                            |                                |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 7,5       | 30                              |                                |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 11        | 45                              |                                |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

### CONMUTADORES



Versión para montaje frontal con maneta negra (U)



| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |            |          |          | Conmutadores sin paso por 0   |                    |                    |                    |
|-----------|-----------------------|---------------------------------------|---------------------------|---|------------|----------|----------|---|--------------------|--------------------|--------------------|
| ESQUEMAS  |                       |                                       |                           | 51  | 52         | 53       | 75       | 54  | 55                 | 56                 | 69                 |
| Polos     |                       |                                       |                           | 1   | 2          | 3        | 4        | 1   | 2                  | 3                  | 4                  |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |            |          |          |  |                    |                    |                    |
|           |                       |                                       |                           | GF...   | □30<br>□48 | 10<br>20 | 10<br>15 | GF1051U<br>GF2051U  | GF1052U<br>GF2052U | GF1053U<br>GF2053U | GF1075U<br>GF2075U |
| 7GN...    | □48                   | 16                                    | 15                        | 7GN1251U  | 7GN1252U   | 7GN1253U | 7GN1275U | 7GN1254U  | 7GN1255U           | 7GN1256U           | 7GN1269U           |
|           |                       | 20                                    | 20                        | 7GN2051U  | 7GN2052U   | 7GN2053U | 7GN2075U | 7GN2054U  | 7GN2055U           | 7GN2056U           | 7GN2069U           |
|           |                       | 25                                    | 30                        | 7GN2551U  | 7GN2552U   | 7GN2553U | 7GN2575U | 7GN2554U  | 7GN2555U           | 7GN2556U           | 7GN2569U           |
|           | □65                   | 32                                    | 40                        | 7GN3251U  | 7GN3252U   | 7GN3253U | 7GN3275U | 7GN3254U  | 7GN3255U           | 7GN3256U           | 7GN3269U           |
|           |                       | 40                                    | 50                        | 7GN4051U  | 7GN4052U   | 7GN4053U | 7GN4075U | 7GN4054U  | 7GN4055U           | 7GN4056U           | 7GN4069U           |
| □90       | 125                   | 130                                   | —                         | 7GN6352U  | 7GN6353U   | 7GN6375U | —        | 7GN6355U  | 7GN6356U           | 7GN6369U           |                    |
| GX...     | □48                   | 16                                    | 12                        | GX1651U   | GX1652U    | GX1653U  | GX1675U  | GX1654U   | GX1655U            | GX1656U            | GX1669U            |
|           |                       | 20                                    | 15                        | GX2051U   | GX2052U    | GX2053U  | GX2075U  | GX2054U   | GX2055U            | GX2056U            | GX2069U            |
|           | □65                   | 32                                    | 32                        | GX3251U   | GX3252U    | GX3253U  | GX3275U  | GX3254U   | GX3255U            | GX3256U            | GX3269U            |
| GN...     | □132                  | 200                                   | 200                       | —   | GN20052U   | GN20053U | GN20075U | —   | GN20055U           | GN20056U           | GN20069U           |
|           |                       | 315                                   | 255                       | —   | GN31552U   | GN31553U | GN31575U | —   | GN31555U           | GN31556U           | GN31569U           |

Versión para montaje frontal con maneta negra sin placa con fijación agujero Ø22mm (U11)

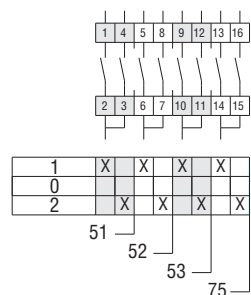


| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |            |            |            | Conmutadores sin paso por 0   |            |            |            |
|-----------|-----------------------|---------------------------------------|---------------------------|---|------------|------------|------------|---|------------|------------|------------|
| ESQUEMAS  |                       |                                       |                           | 51  | 52         | 53         | 75         | 54  | 55         | 56         | 69         |
| Polos     |                       |                                       |                           | 1   | 2          | 3          | 4          | 1   | 2          | 3          | 4          |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |            |            |            |  |            |            |            |
|           |                       |                                       |                           | GF  | —          | 20         | 15         | GF2051U11   | GF2052U11  | GF2053U11  | GF2075U11  |
| 7GN...    | —                     | 16                                    | 15                        | 7GN1251U11  | 7GN1252U11 | 7GN1253U11 | 7GN1275U11 | 7GN1254U11  | 7GN1255U11 | 7GN1256U11 | 7GN1269U11 |
|           |                       | 20                                    | 20                        | 7GN2051U11  | 7GN2052U11 | 7GN2053U11 | 7GN2075U11 | 7GN2054U11  | 7GN2055U11 | 7GN2056U11 | 7GN2069U11 |
|           |                       | 25                                    | 30                        | 7GN2551U11  | 7GN2552U11 | 7GN2553U11 | 7GN2575U11 | 7GN2554U11  | 7GN2555U11 | 7GN2556U11 | 7GN2569U11 |
| GX...     | —                     | 16                                    | 12                        | GX1651U11   | GX1652U11  | GX1653U11  | GX1675U11  | GX1654U11   | GX1655U11  | GX1656U11  | GX1669U11  |
|           |                       | 20                                    | 15                        | GX2051U11   | GX2052U11  | GX2053U11  | GX2075U11  | GX2054U11   | GX2055U11  | GX2056U11  | GX2069U11  |

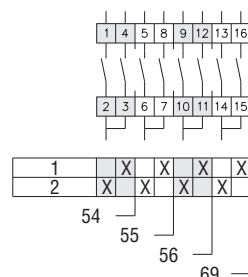
● Para versión con placa frontal MAN-O-AUTO añadir la letra D (p. ej. GF10D51U).

### ESQUEMAS

#### 51-52-53-75





#### 54-55-56-69



### CONMUTADORES



Versión para montaje frontal sin placa con mando de llave y fijación agujero Ø22mm (U12)Ⓢ



| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |            |            |            | Conmutadores sin paso por 0   |            |            |            |
|-----------|-----------------------|---------------------------------------|---------------------------|---|------------|------------|------------|---|------------|------------|------------|
| ESQUEMAS  |                       |                                       |                           | 51  | 52         | 53         | 75         | 54  | 55         | 56         | 69         |
| Polos     |                       |                                       |                           | 1   | 2          | 3          | 4          | 1   | 2          | 3          | 4          |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |            |            |            |  |            |            |            |
|           |                       |                                       |                           | GF  | —          | 20         | 15         | GF2051U12   | GF2052U12  | GF2053U12  | GF2075U12  |
| 7GN...    | —                     | 16                                    | 15                        | 7GN1251U12  | 7GN1252U12 | 7GN1253U12 | 7GN1275U12 | 7GN1254U12  | 7GN1255U12 | 7GN1256U12 | 7GN1269U12 |
|           |                       | 20                                    | 20                        | 7GN2051U12  | 7GN2052U12 | 7GN2053U12 | 7GN2075U12 | 7GN2054U12  | 7GN2055U12 | 7GN2056U12 | 7GN2069U12 |
|           |                       | 25                                    | 30                        | 7GN2551U12  | 7GN2552U12 | 7GN2553U12 | 7GN2575U12 | 7GN2554U12  | 7GN2555U12 | 7GN2556U12 | 7GN2569U12 |
| GX...     | —                     | 16                                    | 12                        | GX1651U12   | GX1652U12  | GX1653U12  | GX1675U12  | GX1654U12   | GX1655U12  | GX1656U12  | GX1669U12  |
|           |                       | 20                                    | 15                        | GX2051U12   | GX2052U12  | GX2053U12  | GX2075U12  | GX2054U12   | GX2055U12  | GX2056U12  | GX2069U12  |

Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47)Ⓢ



| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |            |            |            | Conmutadores sin paso por 0   |            |            |            |
|-----------|-----------------------|---------------------------------------|---------------------------|---|------------|------------|------------|---|------------|------------|------------|
| ESQUEMAS  |                       |                                       |                           | 51  | 52         | 53         | 75         | 54  | 55         | 56         | 69         |
| Polos     |                       |                                       |                           | 1   | 2          | 3          | 4          | 1   | 2          | 3          | 4          |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |            |            |            |  |            |            |            |
|           |                       |                                       |                           | GF  | □30<br>□48 | 10<br>20   | 10<br>15   | GF1051U47   | GF1052U47  | GF1053U47  | GF1075U47  |
| 7GN...    | □48                   | 16                                    | 15                        | 7GN1251U47  | 7GN1252U47 | 7GN1253U47 | 7GN1275U47 | 7GN1254U47  | 7GN1255U47 | 7GN1256U47 | 7GN1269U47 |
|           |                       | 20                                    | 20                        | 7GN2051U47  | 7GN2052U47 | 7GN2053U47 | 7GN2075U47 | 7GN2054U47  | 7GN2055U47 | 7GN2056U47 | 7GN2069U47 |
|           |                       | 25                                    | 30                        | 7GN2551U47  | 7GN2552U47 | 7GN2553U47 | 7GN2575U47 | 7GN2554U47  | 7GN2555U47 | 7GN2556U47 | 7GN2569U47 |
| GX...     | □48                   | 16                                    | 12                        | GX1651U47   | GX1652U47  | GX1653U47  | GX1675U47  | GX1654U47   | GX1655U47  | GX1656U47  | GX1669U47  |
|           |                       | 20                                    | 15                        | GX2051U47   | GX2052U47  | GX2053U47  | GX2075U47  | GX2054U47   | GX2055U47  | GX2056U47  | GX2069U47  |

- Ⓢ Para versión con placa frontal sustituir U12 por U29 (p. ej. GF2051U29).
- Ⓢ Para versión con placa frontal MAN-O-AUTO añadir la letra D (p. ej. GF2051U12D).
- Ⓢ Para versión de llave sustituir U47 por U29D (p. ej. GF1051U29D).

### Características técnicas



| Serie     | Corriente térmica conv. lth<br>[A] | UL/CSA uso general<br>[A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica<br>[kW] a 230V | Máx. IEC AC23 trifásica<br>[kW] a 400V |
|-----------|------------------------------------|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------------------------------|--|
|           |                                    |                           | Monofásica             |           |           |           |           |                                    |  |
|           |                                    |                           | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                    |  |
| GF10...   | 10                                 | 10                        | —                      | 0,75      | 2         | —         | —         | 0,75                               | 3                                      |
| GF20...   | 20                                 | 15                        | —                      | 1         | 3         | —         | —         | 2                                  | 7,5                                    |
| 7GN12...  | 16                                 | 15                        | 0,5                    | 1         | 3         | —         | —         | 1,7                                | 5,5                                    |
| 7GN20...  | 20                                 | 20                        | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                                | 7,5                                    |
| 7GN25...  | 25                                 | 30                        | 1,5                    | 3         | 5         | 10        | 15        | 3,7                                | 11                                     |
| 7GN32...  | 32                                 | 40                        | 2                      | 5         | 10        | 15        | 15        | 4                                  | 15                                     |
| 7GN40...  | 40                                 | 50                        | 2                      | 5         | 10        | 20        | 20        | 6                                  | 18,5                                   |
| 7GN63...  | 63                                 | 60                        | 3                      | 10        | 15        | 25        | 25        | 7,5                                | 30                                     |
| 7GN125... | 125                                | 130                       | 5                      | 15        | 25        | 50        | 40        | 11                                 | 45                                     |

| Serie   | Corriente térmica conv. lth<br>[A] | UL/CSA uso general<br>[A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica<br>[kW] a 230V | IEC AC23 trifásica<br>[kW] a 400V |
|---------|------------------------------------|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------------------------------|-----------------------------------|
|         |                                    |                           | Monofásica             |           |           |           |           |                                    |                                   |
|         |                                    |                           | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                    |                                   |
| GX16... | 16                                 | 12                        | 0,75                   | 1         | 3         | 5         | 5         | 1,8                                | 6,5                               |
| GX20... | 20                                 | 15                        | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                                | 7,5                               |
| GX32... | 32                                 | 32                        | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                                | 15                                |
| GX40... | 40                                 | 40                        | 2                      | 5         | 10        | 15        | 15        | 5,2                                | 18,5                              |
| GN200   | 200                                | 200                       | 15                     | 30        | 50        | 100       | 75        | —                                  | 47                                |
| GN315   | 315                                | 255                       | 15                     | 30        | 50        | 100       | 75        | 37                                 | 110                               |

### CONMUTADORES



Versión para montaje en fondo armario con maneta negra (0)



| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |           |           |          | Conmutadores sin paso por 0   |           |           |          |
|-----------|-----------------------|---------------------------------------|---------------------------|---|-----------|-----------|----------|---|-----------|-----------|----------|
| ESQUEMAS  |                       |                                       |                           | 151   | 152       | 153       | 175      | 54  | 55        | 56        | 69       |
| Polos     |                       |                                       |                           | 1   | 2         | 3         | 4        | 1   | 2         | 3         | 4        |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |           |           |          |  |           |           |          |
|           |                       |                                       |                           | GF...   | 48        | 20        | 15       | GF20510   | GF20520   | GF20530   | GF20750  |
| 7GN...    | 48                    | 16                                    | 15                        | 7GN12510  | 7GN12520  | 7GN12530  | 7GN12750 | 7GN12540  | 7GN12550  | 7GN12560  | 7GN12690 |
|           |                       | 20                                    | 20                        | 7GN20510  | 7GN20520  | 7GN20530  | 7GN20750 | 7GN20540  | 7GN20550  | 7GN20560  | 7GN20690 |
|           |                       | 25                                    | 30                        | 7GN25510  | 7GN25520  | 7GN25530  | 7GN25750 | 7GN25540  | 7GN25550  | 7GN25560  | 7GN25690 |
|           | 65                    | 32                                    | 40                        | 7GN32510  | 7GN32520  | 7GN32530  | 7GN32750 | 7GN32540  | 7GN32550  | 7GN32560  | 7GN32690 |
|           |                       | 40                                    | 50                        | 7GN40510  | 7GN40520  | 7GN40530  | 7GN40750 | 7GN40540  | 7GN40550  | 7GN40560  | 7GN40690 |
| 90        | 63                    | 60                                    | —                         | 7GN63520  | 7GN63530  | 7GN63750  | —        | 7GN63550  | 7GN63560  | 7GN63690  |          |
|           | 125                   | 130                                   | —                         | 7GN125520   | 7GN125530 | 7GN125750 | —        | 7GN125550   | 7GN125560 | 7GN125690 |          |
| GX...     | 48                    | 16                                    | 12                        | GX16510   | GX16520   | GX16530   | GX16750  | GX16540   | GX16550   | GX16560   | GX16690  |
|           |                       | 20                                    | 15                        | GX20510   | GX20520   | GX20530   | GX20750  | GX20540   | GX20550   | GX20560   | GX20690  |
|           | 65                    | 32                                    | 32                        | GX32510   | GX32520   | GX32530   | GX32750  | GX32540   | GX32550   | GX32560   | GX32690  |
| 40        |                       | 40                                    | GX40510                   | GX40520   | GX40530   | GX40750   | GX40540  | GX40550   | GX40560   | GX40690   |          |
| GN...     | 132                   | 200                                   | 200                       | —   | GN200520  | GN200530  | GN200750 | —   | GN200550  | GN200560  | GN200690 |
|           |                       | 315                                   | 255                       | —   | GN315520  | GN315530  | GN315750 | —   | GN315550  | GN315560  | GN315690 |

Versión modular con maneta negra para montaje en guía DIN (048)Ⓜ

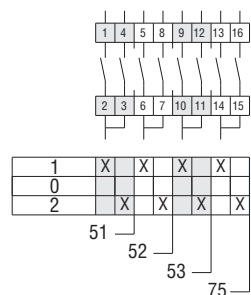


| Tipología |                       |                                       |                           | Conmutadores con paso por 0   |            |            |            | Conmutadores sin paso por 0   |            |            |            |
|-----------|-----------------------|---------------------------------------|---------------------------|---|------------|------------|------------|---|------------|------------|------------|
| ESQUEMAS  |                       |                                       |                           | 151   | 152        | 153        | 175        | 54  | 55         | 56         | 69         |
| Polos     |                       |                                       |                           | 1   | 2          | 3          | 4          | 1   | 2          | 3          | 4          |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |  |            |            |            |  |            |            |            |
|           |                       |                                       |                           | GF  | 45x54      | 20         | 15         | GF2051048   | GF2052048  | GF2053048  | GF2075048  |
| 7GN...    | 45x54                 | 16                                    | 15                        | 7GN1251048  | 7GN1252048 | 7GN1253048 | 7GN1275048 | 7GN1254048  | 7GN1255048 | 7GN1256048 | 7GN1269048 |
|           |                       | 20                                    | 20                        | 7GN2051048  | 7GN2052048 | 7GN2053048 | 7GN2075048 | 7GN2054048  | 7GN2055048 | 7GN2056048 | 7GN2069048 |
|           |                       | 25                                    | 30                        | 7GN2551048  | 7GN2552048 | 7GN2553048 | 7GN2575048 | 7GN2554048  | 7GN2555048 | 7GN2556048 | 7GN2569048 |
| GX...     | 45x54                 | 16                                    | 12                        | GX1651048   | GX1652048  | GX1653048  | GX1675048  | GX1654048   | GX1655048  | GX1656048  | GX1669048  |
|           |                       | 20                                    | 15                        | GX2051048   | GX2052048  | GX2053048  | GX2075048  | GX2054048   | GX2055048  | GX2056048  | GX2069048  |

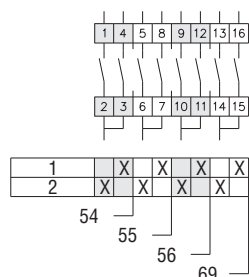
- Ⓜ Para versión con placa frontal MAN-O-AUTO añadir la letra D (p. ej. GF20D510).
- Ⓜ Para versión de llave sustituir 048 por 049 (p. ej. GF2051049).

### ESQUEMAS

#### 51-52-53-75



#### 54-55-56-69



### CONMUTADORES

Versión con maneta negra en caja plástica (P)  
Versión con maneta negra en caja metálica (L)



| Tipología |                      |                                       |                           | Conmutadores con paso por 0 |           |           |                       | Conmutadores sin paso por 0 |           |           |                       |
|-----------|----------------------|---------------------------------------|---------------------------|-----------------------------|-----------|-----------|-----------------------|-----------------------------|-----------|-----------|-----------------------|
| ESQUEMAS  |                      |                                       |                           | 151                         | 152       | 153       | 175                   | 54                          | 55        | 56        | 69                    |
| Polos     |                      |                                       |                           | 1                           | 2         | 3         | 4                     | 1                           | 2         | 3         | 4                     |
| Serie     | Medidas caja<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |                             |           |           |                       |                             |           |           |                       |
|           |                      |                                       |                           | 7GN...                      | 75x75     | 16        | 15                    | 7GN1251P                    | 7GN1252P  | 7GN1253P  | 7GN1275P              |
|           |                      | 20                                    | 20                        | 7GN2051P                    | 7GN2052P  | 7GN2053P  | 7GN2075P              | 7GN2054P                    | 7GN2055P  | 7GN2056P  | 7GN2069P              |
|           |                      | 25                                    | 30                        | 7GN2551P                    | 7GN2552P  | 7GN2553P  | 7GN2575P <sup>Ⓢ</sup> | 7GN2554P                    | 7GN2555P  | 7GN2556P  | 7GN2569P <sup>Ⓢ</sup> |
|           | 90x90                | 32                                    | 40                        | 7GN3251P                    | 7GN3252P  | 7GN3253P  | 7GN3275P              | 7GN3254P                    | 7GN3255P  | 7GN3256P  | 7GN3269P              |
|           | 110x110              | 40                                    | 50                        | 7GN4051P                    | 7GN4052P  | 7GN4053P  | 7GN4075P              | 7GN4054P                    | 7GN4055P  | 7GN4056P  | 7GN4069P              |
|           | 125x175              | 63                                    | 60                        | —                           | 7GN6352P  | 7GN6353P  | 7GN6375P              | —                           | 7GN6355P  | 7GN6356P  | 7GN6369P              |
|           | 180X254              | 125                                   | 130                       | —                           | 7GN12552P | 7GN12553P | 7GN12575P             | —                           | 7GN12555P | 7GN12556P | 7GN12569P             |
| GX...     | 90x90                | 16                                    | 12                        | GX1651P                     | GX1652P   | GX1653P   | GX1675P               | GX1654P                     | GX1655P   | GX1656P   | GX1669P               |
|           |                      | 20                                    | 15                        | GX2051P                     | GX2052P   | GX2053P   | GX2075P               | GX2054P                     | GX2055P   | GX2056P   | GX2069P               |
|           | 110x110              | 32                                    | 32                        | GX3251P                     | GX3252P   | GX3253P   | GX3275P               | GX3254P                     | GX3255P   | GX3256P   | GX3269P               |
|           |                      | 40                                    | 40                        | GX4051P                     | GX4052P   | GX4053P   | GX4075P               | GX4054P                     | GX4055P   | GX4056P   | GX4069P               |
| GN...     | 250x316              | 200                                   | 200                       | —                           | GN20052L  | GN20053L  | GN20075L              | —                           | GN20055L  | GN20056L  | GN20069L              |
|           |                      | 315                                   | 255                       | —                           | GN31552L  | GN31553L  | GN31575L              | —                           | GN31555L  | GN31556L  | GN31569L              |

- Ⓢ Para versión con placa frontal MAN-O-AUTO añadir la letra D (p. ej. 7GN12D51P).
- Ⓢ Medidas caja 90x90mm.

### Características técnicas

| Serie     | Corriente térmica conv. lth<br>[A] | UL/CSA uso general<br>[A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica<br>[kW] a 230V | IEC AC23 trifásica<br>[kW] a 400V |
|-----------|------------------------------------|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------------------------------|-----------------------------------|
|           |                                    |                           | Monofásica             |           | Trifásica |           |           |                                    |                                   |
|           |                                    |                           | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                    |                                   |
| GF20...   | 20                                 | 15                        | —                      | 1         | 3         | —         | —         | 2                                  | 7,5                               |
| 7GN12...  | 16                                 | 15                        | 0,5                    | 1         | 3         | —         | —         | 1,7                                | 5,5                               |
| 7GN20...  | 20                                 | 20                        | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                                | 7,5                               |
| 7GN25...  | 25                                 | 30                        | 1,5                    | 3         | 5         | 10        | 15        | 3,7                                | 11                                |
| 7GN32...  | 32                                 | 40                        | 2                      | 5         | 10        | 15        | 15        | 4                                  | 15                                |
| 7GN40...  | 40                                 | 50                        | 2                      | 5         | 10        | 20        | 20        | 6                                  | 18,5                              |
| 7GN63...  | 63                                 | 60                        | 3                      | 10        | 15        | 25        | 25        | 7,5                                | 30                                |
| 7GN125... | 125                                | 130                       | 5                      | 15        | 25        | 50        | 40        | 11                                 | 45                                |

| Serie   | Corriente térmica conv. lth<br>[A] | UL/CSA uso general<br>[A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica<br>[kW] a 230V | IEC AC23 trifásica<br>[kW] a 400V |
|---------|------------------------------------|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------------------------------|-----------------------------------|
|         |                                    |                           | Monofásica             |           | Trifásica |           |           |                                    |                                   |
|         |                                    |                           | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                    |                                   |
| GX16... | 16                                 | 12                        | 0,75                   | 1         | 3         | 5         | 5         | 1,8                                | 6,5                               |
| GX20... | 20                                 | 15                        | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                                | 7,5                               |
| GX32... | 32                                 | 32                        | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                                | 15                                |
| GX40... | 40                                 | 40                        | 2                      | 5         | 10        | 15        | 15        | 5,2                                | 18,5                              |
| GN200   | 200                                | 200                       | 15                     | 30        | 50        | 100       | 75        | —                                  | 47                                |
| GN315   | 315                                | 255                       | 15                     | 30        | 50        | 100       | 75        | 37                                 | 110                               |

### ARRANQUE CON 1

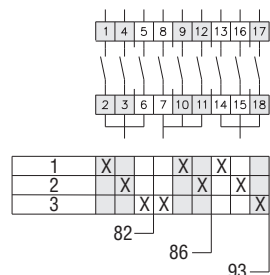


Versión para montaje frontal con maneta negra (U)

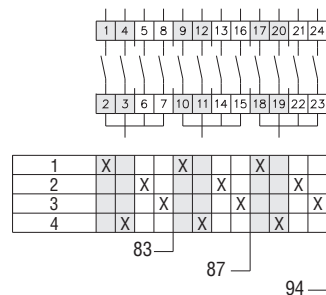
| ESQUEMAS |               |                                |                    | 82        | 86        | 93        | 83        | 87        | 94        | 84        | 85       |
|----------|---------------|--------------------------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Polos    |               |                                |                    | 1         | 2         | 3         | 1         | 2         | 3         | 1         | 1        |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |           |           |           |           |           |           |           |          |
|          | [mm]          | [A]                            | [A]                |           |           |           |           |           |           |           |          |
| GF...    | □30           | 10                             | 10                 | GF1082U   | GF1086U   | GF1093U   | GF1083U   | GF1087U   | GF1094U   | GF1084U   | GF1085U  |
|          | □48           | 20                             | 15                 | GF2082U   | GF2086U   | GF2093U   | GF2083U   | GF2087U   | GF2094U   | GF2084U   | GF2085U  |
| 7GN...   | □48           | 16                             | 15                 | 7GN1282U  | 7GN1286U  | 7GN1293U  | 7GN1283U  | 7GN1287U  | 7GN1294U  | 7GN1284U  | 7GN1285U |
|          |               | 20                             | 20                 | 7GN2082U  | 7GN2086U  | 7GN2093U  | 7GN2083U  | 7GN2087U  | 7GN2094U  | 7GN2084U  | 7GN2085U |
|          |               | 25                             | 30                 | 7GN2582U  | 7GN2586U  | 7GN2593U  | 7GN2583U  | 7GN2587U  | 7GN2594U  | 7GN2584U  | 7GN2585U |
|          | □65           | 32                             | 40                 | 7GN3282U  | 7GN3286U  | 7GN3293U  | 7GN3283U  | 7GN3287U  | 7GN3294U  | 7GN3284U  | 7GN3285U |
|          |               | 40                             | 50                 | 7GN4082U  | 7GN4086U  | 7GN4093U  | 7GN4083U  | 7GN4087U  | 7GN4094U  | 7GN4084U  | 7GN4085U |
|          |               | 63                             | 60                 | 7GN6382U  | 7GN6386U  | 7GN6393U  | 7GN6383U  | 7GN6387U  | 7GN6394U  | 7GN6384U  | 7GN6385U |
| □90      | 125           | 130                            | 7GN12582U          | 7GN12586U | 7GN12593U | 7GN12583U | 7GN12587U | 7GN12594U | 7GN12584U | 7GN12585U |          |
| GX...    | □48           | 16                             | 12                 | GX1682U   | GX1686U   | GX1693U   | GX1683U   | GX1687U   | GX1694U   | GX1684U   | GX1685U  |
|          |               | 20                             | 15                 | GX2082U   | GX2086U   | GX2093U   | GX2083U   | GX2087U   | GX2094U   | GX2084U   | GX2085U  |
|          | □65           | 32                             | 32                 | GX3282U   | GX3286U   | GX3293U   | GX3283U   | GX3287U   | GX3294U   | GX3284U   | GX3285U  |
| 40       |               | 40                             | GX4082U            | GX4086U   | GX4093U   | GX4083U   | GX4087U   | GX4094U   | GX4084U   | GX4085U   |          |
| GN...    | □132          | 200                            | 200                | GN20082U  | GN20086U  | GN20093U  | GN20083U  | GN20087U  | GN20094U  | GN20084U  | GN20085U |
|          |               | 315                            | 255                | GN31582U  | GN31586U  | GN31593U  | GN31583U  | GN31587U  | GN31594U  | GN31584U  | GN31585U |

### ESQUEMAS

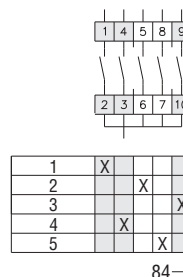
#### 82-86-93



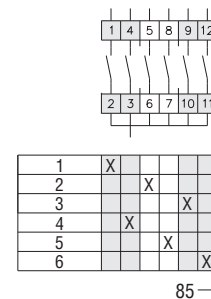
#### 83-87-94



#### 84



#### 85



### ARRANQUE CON 1



Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47)❶

| ESQUEMAS |               |                                |                    | 82         | 86         | 93         | 83         | 87         | 94         | 84         | 85         |  |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|--|
| Polos    |               |                                |                    | 1          | 2          | 3          | 1          | 2          | 3          | 1          | 1          |  |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |  |
|          | [mm]          |                                |                    | [A]        | [A]        |            |            |            |            |            |            |  |
| GF...    | □30           | 10                             | 10                 | GF1082U47  | GF1086U47  | GF1093U47  | GF1083U47  | GF1087U47  | GF1094U47  | GF1084U47  | GF1085U47  |  |
|          | □48           | 20                             | 15                 | GF2082U47  | GF2086U47  | GF2093U47  | GF2083U47  | GF2087U47  | GF2094U47  | GF2084U47  | GF2085U47  |  |
| 7GN...   | □48           | 16                             | 15                 | 7GN1282U47 | 7GN1286U47 | 7GN1293U47 | 7GN1283U47 | 7GN1287U47 | 7GN1294U47 | 7GN1284U47 | 7GN1285U47 |  |
|          |               | 20                             | 20                 | 7GN2082U47 | 7GN2086U47 | 7GN2093U47 | 7GN2083U47 | 7GN2087U47 | 7GN2094U47 | 7GN2084U47 | 7GN2085U47 |  |
|          |               | 25                             | 30                 | 7GN2582U47 | 7GN2586U47 | 7GN2593U47 | 7GN2583U47 | 7GN2587U47 | 7GN2594U47 | 7GN2584U47 | 7GN2585U47 |  |
| GX...    | □48           | 16                             | 12                 | GX1682U47  | GX1686U47  | GX1693U47  | GX1683U47  | GX1687U47  | GX1694U47  | GX1684U47  | GX1685U47  |  |
|          |               | 20                             | 15                 | GX2082U47  | GX2086U47  | GX2093U47  | GX2083U47  | GX2087U47  | GX2094U47  | GX2084U47  | GX2085U47  |  |

❶ Para versión de llave sustituir U47 por U29D (p. ej. GF1082U29D).

### Características técnicas

| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF10...   | 10                              | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                            | 3                              |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 25        | 7,5                             | 30                             |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 40        | 11                              | 45                             |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

### ARRANQUE CON 1



Versión para montaje en fondo armario con maneta negra (0)

| ESQUEMAS |                       |                                       |                           | 82        | 86        | 93        | 83        | 87        | 94        | 84        | 85       |         |
|----------|-----------------------|---------------------------------------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|
| Polos    |                       |                                       |                           | 1         | 2         | 3         | 1         | 2         | 3         | 1         | 1        |         |
| Serie    | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |           |           |           |           |           |           |           |          |         |
|          |                       |                                       |                           | GF...     | □48       | 20        | 15        | GF20820   | GF20860   | GF20930   | GF20830  | GF20870 |
| 7GN...   | □48                   | 16                                    | 15                        | 7GN12820  | 7GN12860  | 7GN12930  | 7GN12830  | 7GN12870  | 7GN12940  | 7GN12840  | 7GN12850 |         |
|          |                       | 20                                    | 20                        | 7GN20820  | 7GN20860  | 7GN20930  | 7GN20830  | 7GN20870  | 7GN20940  | 7GN20840  | 7GN20850 |         |
|          |                       | 25                                    | 30                        | 7GN25820  | 7GN25860  | 7GN25930  | 7GN25830  | 7GN25870  | 7GN25940  | 7GN25840  | 7GN25850 |         |
|          | □65                   | 32                                    | 40                        | 7GN32820  | 7GN32860  | 7GN32930  | 7GN32830  | 7GN32870  | 7GN32940  | 7GN32840  | 7GN32850 |         |
|          |                       | 40                                    | 50                        | 7GN40820  | 7GN40860  | 7GN40930  | 7GN40830  | 7GN40870  | 7GN40940  | 7GN40840  | 7GN40850 |         |
| □90      | 125                   | 130                                   | 7GN125820                 | 7GN125860 | 7GN125930 | 7GN125830 | 7GN125870 | 7GN125940 | 7GN125840 | 7GN125850 |          |         |
| GX...    | □48                   | 16                                    | 12                        | GX16820   | GX16860   | GX16930   | GX16830   | GX16870   | GX16940   | GX16840   | GX16850  |         |
|          |                       | 20                                    | 15                        | GX20820   | GX20860   | GX20930   | GX20830   | GX20870   | GX20940   | GX20840   | GX20850  |         |
|          | □65                   | 32                                    | 32                        | GX32820   | GX32860   | GX32930   | GX32830   | GX32870   | GX32940   | GX32840   | GX32850  |         |
|          |                       | 40                                    | 40                        | GX40820   | GX40860   | GX40930   | GX40830   | GX40870   | GX40940   | GX40840   | GX40850  |         |
| GN...    | □132                  | 200                                   | 200                       | GN200820  | GN200860  | GN200930  | GN200830  | GN200870  | GN200940  | GN200840  | GN200850 |         |
|          |                       | 315                                   | 255                       | GN315820  | GN315860  | GN315930  | GN315830  | GN315870  | GN315940  | GN315840  | GN315850 |         |



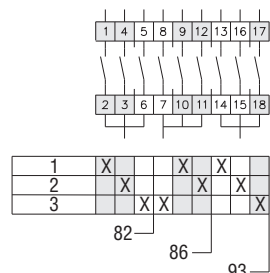
Versión modular con maneta negra para montaje en guía DIN (048)❶

| ESQUEMAS |                       |                                       |                           | 82         | 86         | 93         | 83         | 87         | 94         | 84         | 85         |           |
|----------|-----------------------|---------------------------------------|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Polos    |                       |                                       |                           | 1          | 2          | 3          | 1          | 2          | 3          | 1          | 1          |           |
| Serie    | Medidas placa<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |            |            |            |            |            |            |            |            |           |
|          |                       |                                       |                           | GF...      | 45x54      | 20         | 15         | GF2082048  | GF2086048  | GF2093048  | GF2083048  | GF2087048 |
| 7GN...   | 45x54                 | 16                                    | 15                        | 7GN1282048 | 7GN1286048 | 7GN1293048 | 7GN1283048 | 7GN1287048 | 7GN1294048 | 7GN1284048 | 7GN1285048 |           |
|          |                       | 20                                    | 20                        | 7GN2082048 | 7GN2086048 | 7GN2093048 | 7GN2083048 | 7GN2087048 | 7GN2094048 | 7GN2084048 | 7GN2085048 |           |
|          |                       | 25                                    | 30                        | 7GN2582048 | 7GN2586048 | 7GN2593048 | 7GN2583048 | 7GN2587048 | 7GN2594048 | 7GN2584048 | 7GN2585048 |           |
| GX...    | 45x54                 | 16                                    | 12                        | GX1682048  | GX1686048  | GX1693048  | GX1683048  | GX1687048  | GX1694048  | GX1684048  | GX1685048  |           |
|          |                       | 20                                    | 15                        | GX2082048  | GX2086048  | GX2093048  | GX2083048  | GX2087048  | GX2094048  | GX2084048  | GX2085048  |           |

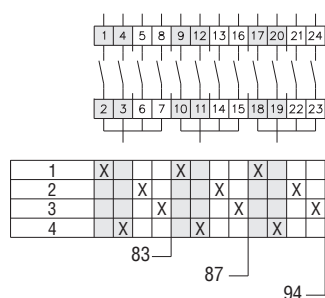
❶ Para versión de llave sustituir 048 por 049 (p. ej. GF2082049).

### ESQUEMAS

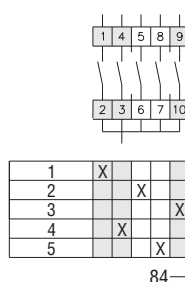
#### 82-86-93



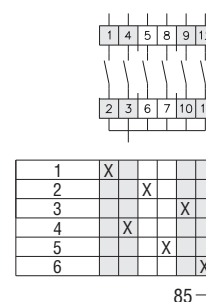
#### 83-87-94



#### 84



#### 85



### ARRANQUE CON 1

Versión con maneta negra en caja plástica (P)  
Versión con maneta negra en caja metálica (L)



| ESQUEMAS |              |                                |                    | 82        | 86       | 93                    | 83                    | 87                    | 94                    | 84                    | 85                    |          |
|----------|--------------|--------------------------------|--------------------|-----------|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| Polos    |              |                                |                    | 1         | 2        | 3                     | 1                     | 2                     | 3                     | 1                     | 1                     |          |
| Serie    | Medidas caja | Corriente térmica convenc. lth | UL/CSA uso general |           |          |                       |                       |                       |                       |                       |                       |          |
|          | [mm]         |                                |                    | [A]       | [A]      |                       |                       |                       |                       |                       |                       |          |
| 7GN...   | 75x75        | 16                             | 15                 | 7GN1282P  | 7GN1286P | 7GN1293P <sup>①</sup> | 7GN1283P              | 7GN1287P              | 7GN1294P <sup>①</sup> | 7GN1284P              | 7GN1285P              |          |
|          |              | 20                             | 20                 | 7GN2082P  | 7GN2086P | 7GN2093P <sup>①</sup> | 7GN2083P              | 7GN2087P              | 7GN2094P <sup>①</sup> | 7GN2084P              | 7GN2085P              |          |
|          |              | 25                             | 30                 | 7GN2582P  | 7GN2586P | 7GN2593P <sup>②</sup> | 7GN2583P              | 7GN2587P <sup>①</sup> | —                     | 7GN2584P              | 7GN2585P <sup>①</sup> |          |
|          | 90x90        | 32                             | 40                 | 7GN3282P  | 7GN3286P | 7GN3293P              | 7GN3283P              | 7GN3287P              | 7GN3294P <sup>①</sup> | 7GN3284P              | 7GN3285P              |          |
|          |              | 110x110                        | 40                 | 50        | 7GN4082P | 7GN4086P              | 7GN4093P              | 7GN4083P              | 7GN4087P              | 7GN4094P <sup>③</sup> | 7GN4084P              | 7GN4085P |
|          |              | 125x175                        | 63                 | 60        | 7GN6382P | 7GN6386P              | 7GN6393P <sup>③</sup> | 7GN6383P              | 7GN6387P              | 7GN6394P <sup>③</sup> | 7GN6384P              | 7GN6385P |
| 180x254  | 125          | 130                            | 7GN12582P          | 7GN12586P | —        | 7GN12583P             | 7GN12587P             | —                     | 7GN12584P             | —                     |                       |          |
| GX...    | 90x90        | 16                             | 12                 | GX1682P   | GX1686P  | GX1693P               | GX1683P               | GX1687P               | GX1694P <sup>②</sup>  | GX1684P               | GX1685P               |          |
|          |              | 20                             | 15                 | GX2082P   | GX2086P  | GX2093P               | GX2083P               | GX2087P               | GX2094P <sup>②</sup>  | GX2084P               | GX2085P               |          |
|          | 110x110      | 32                             | 32                 | GX3282P   | GX3286P  | —                     | GX3283P               | GX3287P               | —                     | GX3284P               | —                     |          |
|          |              | 40                             | 40                 | GX4082P   | GX4086P  | —                     | GX4083P               | GX4087P               | —                     | GX4084P               | —                     |          |
| GN...    | 250x316      | 200                            | 200                | GN20082L  | GN20086L | GN20093L              | GN20083L              | GN20087L              | GN20094L              | GN20084L              | GN20085L              |          |
|          |              | 315                            | 255                | GN31582L  | GN31586L | GN31593L              | GN31583L              | GN31587L              | GN31594L              | GN31584L              | GN31585L              |          |

- ① Medidas caja 90x90mm.
- ② Medidas caja 110x110mm.
- ③ Medidas caja 180x254mm.

### Características técnicas

| Serie     | Corriente térmica conv. lth | UL/CSA uso general | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica | IEC AC23 trifásica |
|-----------|-----------------------------|--------------------|------------------------|-----------|-----------|-----------|-----------|---------------------|--------------------|
|           |                             |                    | Monofásica             |           | Trifásica |           |           |                     |                    |
|           |                             |                    | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                     |                    |
| GF20...   | 20                          | 15                 | —                      | 1         | 3         | —         | —         | 2                   | 7,5                |
| 7GN12...  | 16                          | 15                 | 0,5                    | 1         | 3         | —         | —         | 1,7                 | 5,5                |
| 7GN20...  | 20                          | 20                 | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                 | 7,5                |
| 7GN25...  | 25                          | 30                 | 1,5                    | 3         | 5         | 10        | 15        | 3,7                 | 11                 |
| 7GN32...  | 32                          | 40                 | 2                      | 5         | 10        | 15        | 15        | 4                   | 15                 |
| 7GN40...  | 40                          | 50                 | 2                      | 5         | 10        | 20        | 20        | 6                   | 18,5               |
| 7GN63...  | 63                          | 60                 | 3                      | 10        | 15        | 25        | 25        | 7,5                 | 30                 |
| 7GN125... | 125                         | 130                | 5                      | 15        | 25        | 50        | 40        | 11                  | 45                 |

| Serie   | Corriente térmica conv. lth | UL/CSA uso general | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica | IEC AC23 trifásica |
|---------|-----------------------------|--------------------|------------------------|-----------|-----------|-----------|-----------|---------------------|--------------------|
|         |                             |                    | Monofásica             |           | Trifásica |           |           |                     |                    |
|         |                             |                    | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                     |                    |
| GX16... | 16                          | 12                 | 0,75                   | 1         | 3         | 5         | 5         | 1,8                 | 6,5                |
| GX20... | 20                          | 15                 | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                 | 7,5                |
| GX32... | 32                          | 32                 | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                 | 15                 |
| GX40... | 40                          | 40                 | 2                      | 5         | 10        | 15        | 15        | 5,2                 | 18,5               |
| GN200   | 200                         | 200                | 15                     | 30        | 50        | 100       | 75        | —                   | 47                 |
| GN315   | 315                         | 255                | 15                     | 30        | 50        | 100       | 75        | 37                  | 110                |

### ARRANQUE CON 0



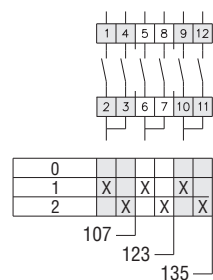
Versión para montaje frontal con maneta negra (U)

| ESQUEMAS |               |                                |                    | 107        | 123        | 135        | 108        | 124        | 136        | 109        | 110       |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 1          | 2          | 3          | 1          | 1         |
| Serie    | Medidas placa | Corriente térmica convenc. Ith | UL/CSA uso general |            |            |            |            |            |            |            |           |
|          | [mm]          | [A]                            | [A]                |            |            |            |            |            |            |            |           |
| GF...    | □30           | 10                             | 10                 | GF10107U   | GF10123U   | GF10135U   | GF10108U   | GF10124U   | GF10136U   | GF10109U   | GF10110U  |
|          | □48           | 20                             | 15                 | GF20107U   | GF20123U   | GF20135U   | GF20108U   | GF20124U   | GF20136U   | GF20109U   | GF20110U  |
| 7GN...   | □48           | 16                             | 15                 | 7GN12107U  | 7GN12123U  | 7GN12135U  | 7GN12108U  | 7GN12124U  | 7GN12136U  | 7GN12109U  | 7GN12110U |
|          |               | 20                             | 20                 | 7GN20107U  | 7GN20123U  | 7GN20135U  | 7GN20108U  | 7GN20124U  | 7GN20136U  | 7GN20109U  | 7GN20110U |
|          |               | 25                             | 30                 | 7GN25107U  | 7GN25123U  | 7GN25135U  | 7GN25108U  | 7GN25124U  | 7GN25136U  | 7GN25109U  | 7GN25110U |
|          | □65           | 32                             | 40                 | 7GN32107U  | 7GN32123U  | 7GN32135U  | 7GN32108U  | 7GN32124U  | 7GN32136U  | 7GN32109U  | 7GN32110U |
|          |               | 40                             | 50                 | 7GN40107U  | 7GN40123U  | 7GN40135U  | 7GN40108U  | 7GN40124U  | 7GN40136U  | 7GN40109U  | 7GN40110U |
|          |               | 63                             | 60                 | 7GN63107U  | 7GN63123U  | 7GN63135U  | 7GN63108U  | 7GN63124U  | 7GN63136U  | 7GN63109U  | 7GN63110U |
| □90      | 125           | 130                            | 7GN125107U         | 7GN125123U | 7GN125135U | 7GN125108U | 7GN125124U | 7GN125136U | 7GN125109U | 7GN125110U |           |
| GX...    | □48           | 16                             | 12                 | GX16107U   | GX16123U   | GX16135U   | GX16108U   | GX16124U   | GX16136U   | GX16109U   | GX16110U  |
|          |               | 20                             | 15                 | GX20107U   | GX20123U   | GX20135U   | GX20108U   | GX20124U   | GX20136U   | GX20109U   | GX20110U  |
|          | □65           | 32                             | 32                 | GX32107U   | GX32123U   | GX32135U   | GX32108U   | GX32124U   | GX32136U   | GX32109U   | GX32110U  |
|          |               | 40                             | 40                 | GX40107U   | GX40123U   | GX40135U   | GX40108U   | GX40124U   | GX40136U   | GX40109U   | GX40110U  |
| GN...    | □132          | 200                            | 200                | GN200107U  | GN200123U  | GN200135U  | GN200108U  | GN200124U  | GN200136U  | GN200109U  | GN200110U |
|          |               | 315                            | 255                | GN315107U  | GN315123U  | GN315135U  | GN315108U  | GN315124U  | GN315136U  | GN315109U  | GN315110U |

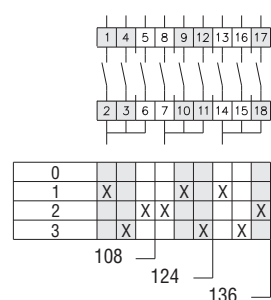
- ❶ Placa frontal para GF..., 7GN12..., 7GN63..., GX..., GN...
- ❷ Placa frontal para 7GN125...

### ESQUEMAS

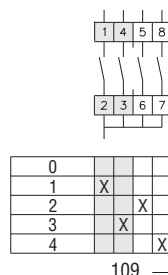
#### 107-123-135



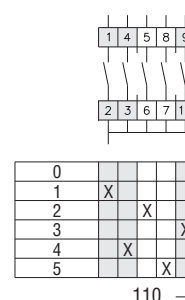
#### 108-124-136



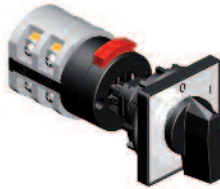
#### 109



#### 110



### ARRANQUE CON 0



Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47) ①

| ESQUEMAS |               |                                |                    | 107         | 123         | 135         | 108         | 124         | 136         | 109         | 110         |  |
|----------|---------------|--------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Polos    |               |                                |                    | 1           | 2           | 3           | 1           | 2           | 3           | 1           | 1           |  |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |             |             |             |             |             |             |             |             |  |
|          | [mm]          |                                |                    | [A]         | [A]         |             |             |             |             |             |             |  |
| GF...    | □30           | 10                             | 10                 | GF10107U47  | GF10123U47  | GF10135U47  | GF10108U47  | GF10124U47  | GF10136U47  | GF10109U47  | GF10110U47  |  |
|          | □48           | 20                             | 15                 | GF20107U47  | GF20123U47  | GF20135U47  | GF20108U47  | GF20124U47  | GF20136U47  | GF20109U47  | GF20110U47  |  |
| 7GN...   | □48           | 16                             | 15                 | 7GN12107U47 | 7GN12123U47 | 7GN12135U47 | 7GN12108U47 | 7GN12124U47 | 7GN12136U47 | 7GN12109U47 | 7GN12110U47 |  |
|          |               | 20                             | 20                 | 7GN20107U47 | 7GN20123U47 | 7GN20135U47 | 7GN20108U47 | 7GN20124U47 | 7GN20136U47 | 7GN20109U47 | 7GN20110U47 |  |
|          |               | 25                             | 30                 | 7GN25107U47 | 7GN25123U47 | 7GN25135U47 | 7GN25108U47 | 7GN25124U47 | 7GN25136U47 | 7GN25109U47 | 7GN25110U47 |  |
| GX...    | □48           | 16                             | 12                 | GX16107U47  | GX16123U47  | GX16135U47  | GX16108U47  | GX16124U47  | GX16136U47  | GX16109U47  | GX16110U47  |  |
|          |               | 20                             | 15                 | GX20107U47  | GX20123U47  | GX20135U47  | GX20108U47  | GX20124U47  | GX20136U47  | GX20109U47  | GX20110U47  |  |

① Para versión de llave sustituir U47 por U29D (p. ej. GF10107U29D).

### Características técnicas

| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF10...   | 10                              | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                            | 3                              |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 25        | 7,5                             | 30                             |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 40        | 11                              | 45                             |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

## ARRANQUE CON 0

Versión para montaje en fondo armario con maneta negra (0)



| ESQUEMAS |               |                                |                    | 107        | 123        | 135        | 108        | 124        | 136        | 109        | 110        |
|----------|---------------|--------------------------------|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Polos    |               |                                |                    | 1          | 2          | 3          | 1          | 2          | 3          | 1          | 1          |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |            |            |            |            |            |            |            |            |
|          | [mm]          | [A]                            | [A]                |            |            |            |            |            |            |            |            |
| GF...    | □48           | 20                             | 15                 | GF201070   | GF201230   | GF201350   | GF201080   | GF201240   | GF201360   | GF201090   | GF201100   |
| 7GN...   | □48           | 16                             | 15                 | 7GN121070  | 7GN121230  | 7GN121350  | 7GN121080  | 7GN121240  | 7GN121360  | 7GN121090  | 7GN121100  |
|          |               | 20                             | 20                 | 7GN201070  | 7GN201230  | 7GN201350  | 7GN201080  | 7GN201240  | 7GN201360  | 7GN201090  | 7GN201100  |
|          |               | 25                             | 30                 | 7GN251070  | 7GN251230  | 7GN251350  | 7GN251080  | 7GN251240  | 7GN251360  | 7GN251090  | 7GN251100  |
|          | □65           | 32                             | 40                 | 7GN321070  | 7GN321230  | 7GN321350  | 7GN321080  | 7GN321240  | 7GN321360  | 7GN321090  | 7GN321100  |
|          |               | 40                             | 50                 | 7GN401070  | 7GN401230  | 7GN401350  | 7GN401080  | 7GN401240  | 7GN401360  | 7GN401090  | 7GN401100  |
|          | 63            | 60                             | 7GN631070          | 7GN631230  | 7GN631350  | 7GN631080  | 7GN631240  | 7GN631360  | 7GN631090  | 7GN631100  |            |
| GX...    | □48           | 125                            | 130                | 7GN1251070 | 7GN1251230 | 7GN1251350 | 7GN1251080 | 7GN1251240 | 7GN1251360 | 7GN1251090 | 7GN1251100 |
|          |               | 16                             | 12                 | GX161070   | GX161230   | GX161350   | GX161080   | GX161240   | GX161360   | GX161090   | GX161100   |
|          | □65           | 20                             | 15                 | GX201070   | GX201230   | GX201350   | GX201080   | GX201240   | GX201360   | GX201090   | GX201100   |
| 32       |               | 32                             | GX321070           | GX321230   | GX321350   | GX321080   | GX321240   | GX321360   | GX321090   | GX321100   |            |
|          | 40            | 40                             | GX401070           | GX401230   | GX401350   | GX401080   | GX401240   | GX401360   | GX401090   | GX401100   |            |
| GN...    | □132          | 200                            | 200                | GN2001070  | GN2001230  | GN2001350  | GN2001080  | GN2001240  | GN2001360  | GN2001090  | GN2001100  |
|          |               | 315                            | 255                | GN3151070  | GN3151230  | GN3151350  | GN3151080  | GN3151240  | GN3151360  | GN3151090  | GN3151100  |

Versión modular con maneta negra para montaje en guía DIN (048)Ⓢ

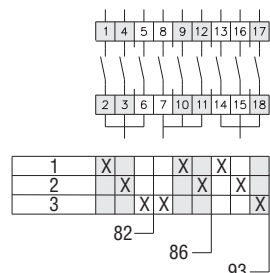


| ESQUEMAS |               |                                |                    | 107         | 123         | 135         | 108         | 124         | 136         | 109         | 110         |
|----------|---------------|--------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Polos    |               |                                |                    | 1           | 2           | 3           | 1           | 2           | 3           | 1           | 1           |
| Serie    | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |             |             |             |             |             |             |             |             |
|          | [mm]          | [A]                            | [A]                |             |             |             |             |             |             |             |             |
| GF...    | 45x54         | 20                             | 15                 | GF20107048  | GF20123048  | GF20135048  | GF20108048  | GF20124048  | GF20136048  | GF20109048  | GF20110048  |
| 7GN...   | 45x54         | 16                             | 15                 | 7GN12107048 | 7GN12123048 | 7GN12135048 | 7GN12108048 | 7GN12124048 | 7GN12136048 | 7GN12109048 | 7GN12110048 |
|          |               | 20                             | 20                 | 7GN20107048 | 7GN20123048 | 7GN20135048 | 7GN20108048 | 7GN20124048 | 7GN20136048 | 7GN20109048 | 7GN20110048 |
|          |               | 25                             | 30                 | 7GN25107048 | 7GN25123048 | 7GN25135048 | 7GN25108048 | 7GN25124048 | 7GN25136048 | 7GN25109048 | 7GN25110048 |
| GX...    | 45x54         | 16                             | 12                 | GX16107048  | GX16123048  | GX16135048  | GX16108048  | GX16124048  | GX16136048  | GX16109048  | GX16110048  |
|          |               | 20                             | 15                 | GX20107048  | GX20123048  | GX20135048  | GX20108048  | GX20124048  | GX20136048  | GX20109048  | GX20110048  |

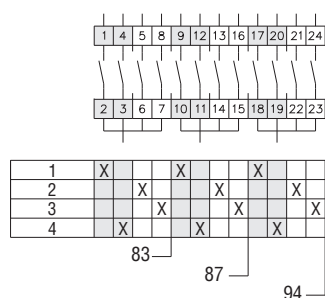
- Ⓢ Placa frontal para GF..., 7GN12..., 7GN63..., GX..., GN...
- Ⓢ Placa frontal para 7GN125...
- Ⓢ Para versión de llave sustituir 048 por 049 (p. ej. GF20107049).

## ESQUEMAS

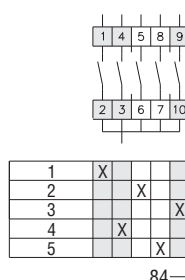
82-86-93



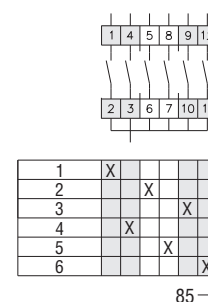
83-87-94



84



85



### ARRANQUE CON 0

Versión con maneta negra en caja plástica (P)  
Versión con maneta negra en caja metálica (L)



| Serie   | Medidas caja [mm] | Corriente térmica convenc. lth [A] | UL/CSA uso general [A] | ESQUEMAS |  |  | 107 |   |   | 123 |   |   | 135 |   |   | 108       |           |           | 124       |           |                        | 136       |           |            | 109        |            |            | 110        |                        |            |            |           |           |           |           |           |                        |           |           |
|---------|-------------------|------------------------------------|------------------------|----------|--|--|-----|---|---|-----|---|---|-----|---|---|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|
|         |                   |                                    |                        | Polos    |  |  | 1   | 2 | 3 | 1   | 2 | 3 | 1   | 2 | 3 | 1         | 2         | 3         | 1         | 2         | 3                      | 1         | 2         | 3          | 1          | 2          | 3          |            |                        |            |            |           |           |           |           |           |                        |           |           |
| 7GN...  | 75x75             | 16                                 | 15                     |          |  |  |     |   |   |     |   |   |     |   |   | 7GN12107P | 7GN12123P | 7GN12135P | 7GN12108P | 7GN12124P | 7GN12136P <sup>ⓐ</sup> | 7GN12109P | 7GN12110P | 7GN20107P  | 7GN20123P  | 7GN20135P  | 7GN20108P  | 7GN20124P  | 7GN20136P <sup>ⓐ</sup> | 7GN20109P  | 7GN20110P  | 7GN25107P | 7GN25123P | 7GN25135P | 7GN25108P | 7GN25124P | 7GN25136P <sup>ⓐ</sup> | 7GN25109P | 7GN25110P |
|         |                   | 20                                 | 20                     |          |  |  |     |   |   |     |   |   |     |   |   | 7GN32107P | 7GN32123P | 7GN32135P | 7GN32108P | 7GN32124P | 7GN32136P              | 7GN32109P | 7GN32110P | 7GN40107P  | 7GN40123P  | 7GN40135P  | 7GN40108P  | 7GN40124P  | 7GN40136P              | 7GN40109P  | 7GN40110P  |           |           |           |           |           |                        |           |           |
|         |                   | 25                                 | 30                     |          |  |  |     |   |   |     |   |   |     |   |   | 7GN63107P | 7GN63123P | 7GN63135P | 7GN63108P | 7GN63124P | 7GN63136P <sup>ⓐ</sup> | 7GN63109P | 7GN63110P | 7GN125107P | 7GN125123P | 7GN125135P | 7GN125108P | 7GN125124P | —                      | 7GN125109P | 7GN125110P |           |           |           |           |           |                        |           |           |
|         | 90x90             | 32                                 | 40                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
|         | 110x110           | 40                                 | 50                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
|         | 125x175           | 63                                 | 60                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
| 180x254 | 125               | 130                                |                        |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
| GX...   | 90x90             | 16                                 | 12                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
|         |                   | 20                                 | 15                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
|         | 110x110           | 32                                 | 32                     |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
| GN...   | 250x316           | 200                                | 200                    |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |
|         |                   | 315                                | 255                    |          |  |  |     |   |   |     |   |   |     |   |   |           |           |           |           |           |                        |           |           |            |            |            |            |            |                        |            |            |           |           |           |           |           |                        |           |           |

- ⓐ Placa frontal para GF..., 7GN12..., 7GN63..., GX..., GN...
- ⓑ Placa frontal para 7GN125...
- Ⓒ Medidas caja 90x90mm.
- Ⓓ Medidas caja 110x110mm.
- Ⓔ Medidas caja 180x254mm.

### Características técnicas

| Serie     | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|           |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF20...   | 20                              | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12...  | 16                              | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20...  | 20                              | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25...  | 25                              | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32...  | 32                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40...  | 40                              | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |
| 7GN63...  | 63                              | 60                     | 3                      | 10        | 15        | 25        | 25        | 7,5                             | 30                             |
| 7GN125... | 125                             | 130                    | 5                      | 15        | 25        | 50        | 40        | 11                              | 45                             |

| Serie   | Corriente térmica conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|---------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                 |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                 |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                              | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                              | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                              | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                              | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                             | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                             | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

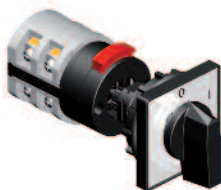
### VOLTIMÉTRICOS Y AMPERIMÉTRICOS

Versión para montaje frontal con maneta (U)



| Tipología |               |                                |                    | Voltimétricos |          |          | Amperimétricos |          |
|-----------|---------------|--------------------------------|--------------------|---------------|----------|----------|----------------|----------|
| ESQUEMAS  |               |                                |                    | 66            | 67       | 68       | 97             | 98       |
| Serie     | Medidas placa | Corriente térmica convenc. Ith | UL/CSA uso general |               |          |          |                |          |
|           |               |                                |                    |               |          |          |                |          |
|           | [mm]          | [A]                            | [A]                |               |          |          |                |          |
| GF...     | □30           | 10                             | 10                 | GF1066U       | GF1067U  | GF1068U  | GF1097U        | GF1098U  |
|           | □48           | 20                             | 15                 | GF2066U       | GF2067U  | GF2068U  | GF2097U        | GF2098U  |
| 7GN...    | □48           | 16                             | 15                 | 7GN1266U      | 7GN1267U | 7GN1268U | 7GN1297U       | 7GN1298U |
|           |               | 20                             | 20                 | 7GN2066U      | 7GN2067U | 7GN2068U | 7GN2097U       | 7GN2098U |
|           |               | 25                             | 30                 | 7GN2566U      | 7GN2567U | 7GN2568U | 7GN2597U       | 7GN2598U |
|           | □65           | 32                             | 40                 | 7GN3266U      | 7GN3267U | 7GN3268U | 7GN3297U       | 7GN3298U |
|           |               | 40                             | 50                 | 7GN4066U      | 7GN4067U | 7GN4068U | 7GN4097U       | 7GN4098U |
| GX...     | □48           | 16                             | 12                 | GX1666U       | GX1667U  | GX1668U  | GX1697U        | GX1698U  |
|           |               | 20                             | 15                 | GX2066U       | GX2067U  | GX2068U  | GX2097U        | GX2098U  |
|           | □65           | 32                             | 32                 | GX3266U       | GX3267U  | GX3268U  | GX3297U        | GX3298U  |
|           |               | 40                             | 40                 | GX4066U       | GX4067U  | GX4068U  | GX4097U        | GX4098U  |

Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47)Ⓢ



| Tipología |               |                                |                    | Voltimétricos |            |            | Amperimétricos |            |
|-----------|---------------|--------------------------------|--------------------|---------------|------------|------------|----------------|------------|
| ESQUEMAS  |               |                                |                    | 66            | 67         | 68         | 97             | 98         |
| Serie     | Medidas placa | Corriente térmica convenc. Ith | UL/CSA uso general |               |            |            |                |            |
|           |               |                                |                    |               |            |            |                |            |
|           | [mm]          | [A]                            | [A]                |               |            |            |                |            |
| GF...     | □30           | 10                             | 10                 | GF1066U47     | GF1067U47  | GF1068U47  | GF1097U47      | GF1098U47  |
|           | □48           | 20                             | 15                 | GF2066U47     | GF2067U47  | GF2068U47  | GF2097U47      | GF2098U47  |
| 7GN...    | □48           | 16                             | 15                 | 7GN1266U47    | 7GN1267U47 | 7GN1268U47 | 7GN1297U47     | 7GN1298U47 |
|           |               | 20                             | 20                 | 7GN2066U47    | 7GN2067U47 | 7GN2068U47 | 7GN2097U47     | 7GN2098U47 |
|           |               | 25                             | 30                 | 7GN2566U47    | 7GN2567U47 | 7GN2568U47 | 7GN2597U47     | 7GN2598U47 |
| GX...     | □48           | 16                             | 12                 | GX1666U47     | GX1667U47  | GX1668U47  | GX1697U47      | GX1698U47  |
|           |               | 20                             | 15                 | GX2066U47     | GX2067U47  | GX2068U47  | GX2097U47      | GX2098U47  |

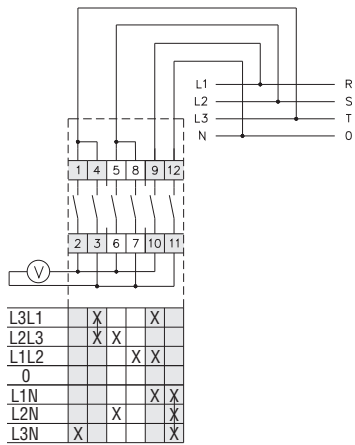
Ⓢ Placa frontal para GF20..., 7GN..., GX..., GN...

Ⓢ Placa frontal para GF10...

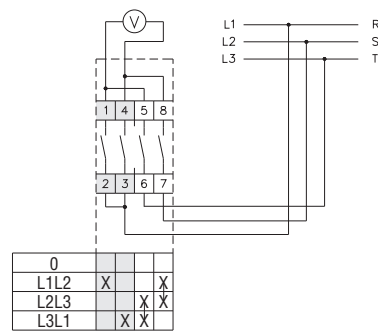
Ⓢ Para versión de llave sustituir U47 por U29D (p. ej. GF1066U29D).

### ESQUEMAS

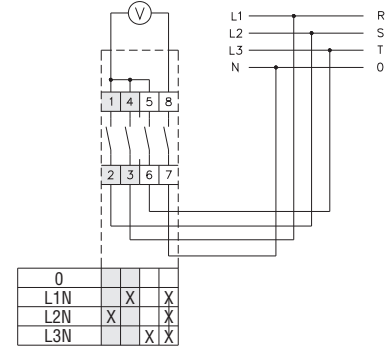
66



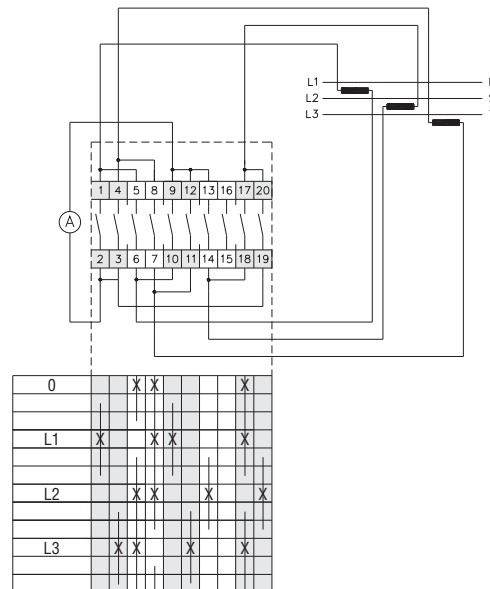
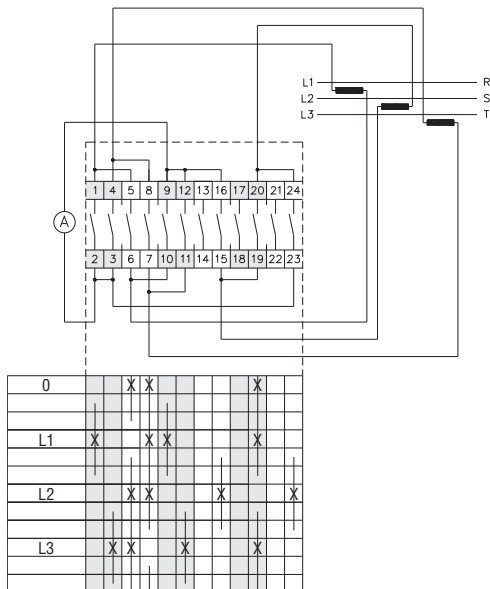
67



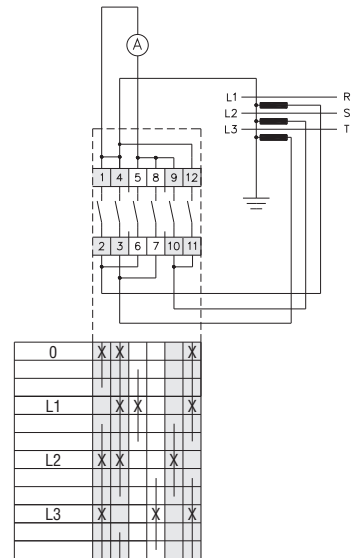
68



97



98



11

### Características técnicas

| Serie    | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|----------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|          |                                  |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|          |                                  |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF10...  | 10                               | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                            | 3                              |
| GF20...  | 20                               | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12... | 16                               | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20... | 20                               | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25... | 25                               | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32... | 32                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40... | 40                               | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |

| Serie   | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                  |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                  |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                               | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                               | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                               | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |

### VOLTIMÉTRICOS Y AMPERIMÉTRICOS

Versión para montaje en fondo armario con maneta negra (0)



| Tipología |               |  |                    | Voltimétricos |          |          | Amperimétricos |          |
|-----------|---------------|--|--------------------|---------------|----------|----------|----------------|----------|
| ESQUEMAS  |               |  |                    | 66            | 67       | 68       | 97             | 98       |
| Serie     | Medidas placa | Corriente térmica convenc. I <sub>th</sub> | UL/CSA uso general |               |          |          |                |          |
|           | [mm]          |  |                    | [A]           | [A]      |          |                |          |
| GF...     | □48           | 20   | 15                 | GF20660       | GF20670  | GF20680  | GF20970        | GF20980  |
| 7GN...    | □48           | 16   | 15                 | 7GN12660      | 7GN12670 | 7GN12680 | 7GN12970       | 7GN12980 |
|           |               | 20   | 20                 | 7GN20660      | 7GN20670 | 7GN20680 | 7GN20970       | 7GN20980 |
|           |               | 25   | 30                 | 7GN25660      | 7GN25670 | 7GN25680 | 7GN25970       | 7GN25980 |
|           | □65           | 32   | 40                 | 7GN32660      | 7GN32670 | 7GN32680 | 7GN32970       | 7GN32980 |
|           |               | 40   | 50                 | 7GN40660      | 7GN40670 | 7GN40680 | 7GN40970       | 7GN40980 |
| GX...     | □48           | 16   | 12                 | GX16660       | GX16670  | GX16680  | GX16970        | GX16980  |
|           |               | 20   | 15                 | GX20660       | GX20670  | GX20680  | GX20970        | GX20980  |
|           | □65           | 32   | 32                 | GX32660       | GX32670  | GX32680  | GX32970        | GX32980  |
|           |               | 40   | 40                 | GX40660       | GX40670  | GX40680  | GX40970        | GX40980  |

Versión modular con maneta negra para montaje en guía DIN (048)❶

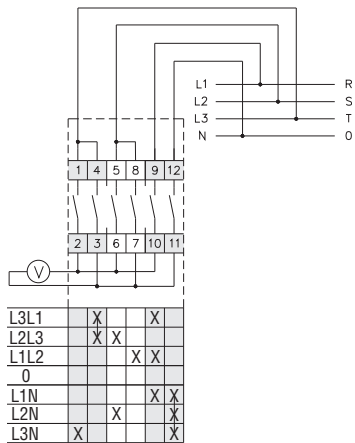


| Tipología |               |  |                    | Voltimétricos |            |            | Amperimétricos |            |
|-----------|---------------|--|--------------------|---------------|------------|------------|----------------|------------|
| ESQUEMAS  |               |  |                    | 66            | 67         | 68         | 97             | 98         |
| Serie     | Medidas placa | Corriente térmica convenc. I <sub>th</sub> | UL/CSA uso general |               |            |            |                |            |
|           | [mm]          |  |                    | [A]           | [A]        |            |                |            |
| GF...     | 45x54         | 20   | 15                 | GF2066048     | GF2067048  | GF2068048  | GF2097048      | GF2098048  |
| 7GN...    | 45x54         | 16   | 15                 | 7GN1266048    | 7GN1267048 | 7GN1268048 | 7GN1297048     | 7GN1298048 |
|           |               | 20   | 20                 | 7GN2066048    | 7GN2067048 | 7GN2068048 | 7GN2097048     | 7GN2098048 |
|           |               | 25   | 30                 | 7GN2566048    | 7GN2567048 | 7GN2568048 | 7GN2597048     | 7GN2598048 |
| GX...     | 45x54         | 16   | 12                 | GX1666048     | GX1667048  | GX1668048  | GX1697048      | GX1698048  |
|           |               | 20   | 15                 | GX2066048     | GX2067048  | GX2068048  | GX2097048      | GX2098048  |

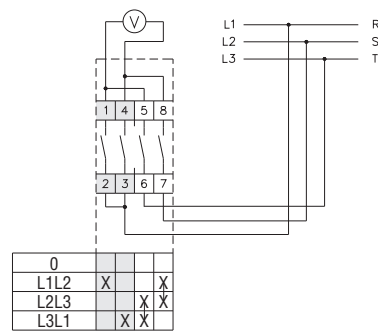
❶ Para versión de llave sustituir 048 por 049 (p. ej. GF2066049).

### ESQUEMAS

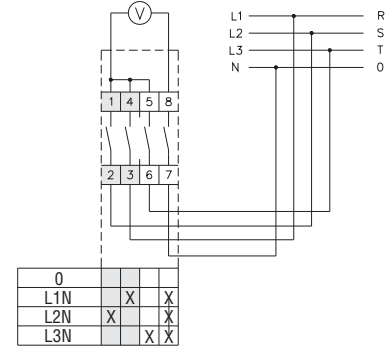
66



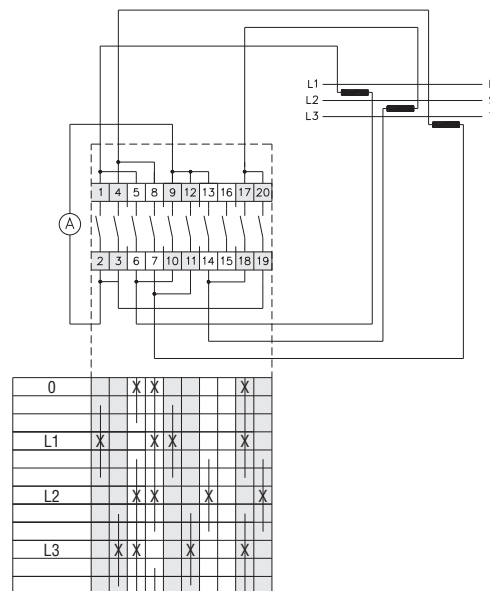
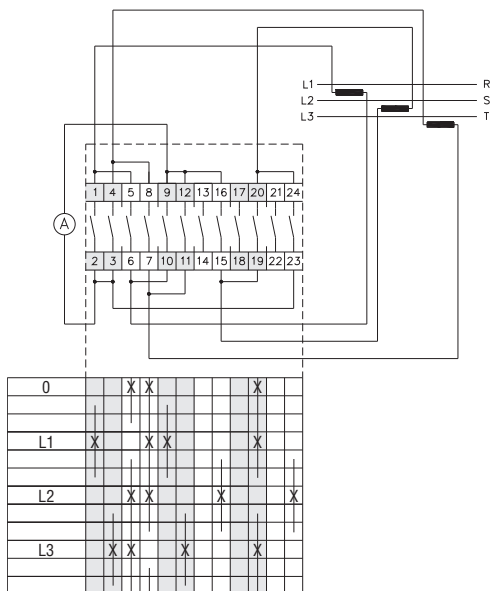
67



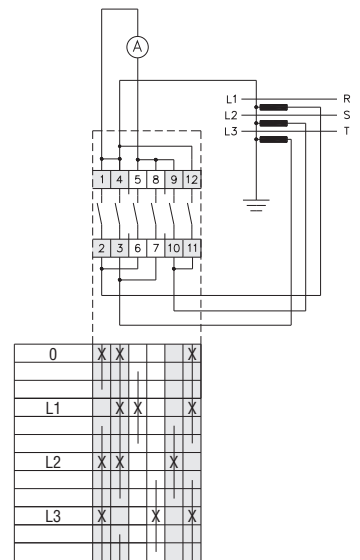
68



97



98



11

### Características técnicas

| Serie    | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|----------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|          |                                  |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|          |                                  |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF10...  | 10                               | 10                     | —                      | 0,75      | 2         | —         | —         | 0,75                            | 3                              |
| GF20...  | 20                               | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12... | 16                               | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20... | 20                               | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25... | 25                               | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32... | 32                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40... | 40                               | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |

| Serie   | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                  |                        | Monofásica             |           | Trifásica |           |           |                                 |                                |
|         |                                  |                        | 120V [HP]              | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                               | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                               | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                               | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |

### INVERSOR DE MARCHA - ESTRELLA-TRIÁNGULO - MOTORES DAHLANDER - BOBINADOS SEPARADOS



Versión para montaje frontal con maneta negra (U)

| Tipología                   |                              |                                |                    | Inversor de marcha |           |           | Estrella-triángulo | Motores Dahlander |           |           | Bobinados separados |
|-----------------------------|------------------------------|--------------------------------|--------------------|--------------------|-----------|-----------|--------------------|-------------------|-----------|-----------|---------------------|
| ESQUEMAS                    |                              |                                |                    | 25                 | 11        | 26        | 12                 | 13                | 19        | 20        | 53                  |
| Serie                       | Medidas placa                | Corriente térmica convenc. lth | UL/CSA uso general |                    |           |           |                    |                   |           |           |                     |
|                             |                              |                                |                    |                    |           |           |                    |                   |           |           |                     |
|                             | [mm]                         | [A]                            | [A]                |                    |           |           |                    |                   |           |           |                     |
| GF...                       | <input type="checkbox"/> 30  | 10                             | 10                 | GF1025U            | GF1011U   | GF1026U   | GF1012U            | GF1013U           | GF1019U   | GF1020U   | GF1053U             |
|                             | <input type="checkbox"/> 48  | 20                             | 15                 | GF2025U            | GF2011U   | GF2026U   | GF2012U            | GF2013U           | GF2019U   | GF2020U   | GF2053U             |
| 7GN...                      | <input type="checkbox"/> 48  | 16                             | 15                 | 7GN1225U           | 7GN1211U  | 7GN1226U  | 7GN1212U           | 7GN1213U          | 7GN1219U  | 7GN1220U  | 7GN1253U            |
|                             |                              | 20                             | 20                 | 7GN2025U           | 7GN2011U  | 7GN2026U  | 7GN2012U           | 7GN2013U          | 7GN2019U  | 7GN2020U  | 7GN2053U            |
|                             |                              | 25                             | 30                 | 7GN2525U           | 7GN2511U  | 7GN2526U  | 7GN2512U           | 7GN2513U          | 7GN2519U  | 7GN2520U  | 7GN2553U            |
|                             | <input type="checkbox"/> 65  | 32                             | 40                 | 7GN3225U           | 7GN3211U  | 7GN3226U  | 7GN3212U           | 7GN3213U          | 7GN3219U  | 7GN3220U  | 7GN3253U            |
|                             |                              | 40                             | 50                 | 7GN4025U           | 7GN4011U  | 7GN4026U  | 7GN4012U           | 7GN4013U          | 7GN4019U  | 7GN4020U  | 7GN4053U            |
|                             |                              | 63                             | 60                 | 7GN6325U           | 7GN6311U  | 7GN6326U  | 7GN6312U           | 7GN6313U          | 7GN6319U  | 7GN6320U  | 7GN6353U            |
| <input type="checkbox"/> 90 | 125                          | 130                            | 7GN12525U          | 7GN12511U          | 7GN12526U | 7GN12512U | 7GN12513U          | 7GN12519U         | 7GN12520U | 7GN12553U |                     |
| GX...                       | <input type="checkbox"/> 48  | 16                             | 12                 | GX1625U            | GX1611U   | GX1626U   | GX1612U            | GX1613U           | GX1619U   | GX1620U   | GX1653U             |
|                             |                              | 20                             | 15                 | GX2025U            | GX2011U   | GX2026U   | GX2012U            | GX2013U           | GX2019U   | GX2020U   | GX2053U             |
|                             | <input type="checkbox"/> 65  | 32                             | 32                 | GX3225U            | GX3211U   | GX3226U   | GX3212U            | GX3213U           | GX3219U   | GX3220U   | GX3253U             |
|                             |                              | 40                             | 40                 | GX4025U            | GX4011U   | GX4026U   | GX4012U            | GX4013U           | GX4019U   | GX4020U   | GX4053U             |
| GN...                       | <input type="checkbox"/> 132 | 200                            | 200                | GN20025U           | GN20011U  | GN20026U  | GN20012U           | GN20013U          | GN20019U  | GN20020U  | GN20053U            |
|                             |                              | 315                            | 255                | GN31525U           | GN31511U  | GN31526U  | GN31512U           | GN31513U          | GN31519U  | GN31520U  | GN31553U            |



Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U25)Ⓜ

| Tipología |                             |                                |                    | Inversor de marcha |           |           | Estrella-triángulo | Motores Dahlander |           |           | Bobinados separados |
|-----------|-----------------------------|--------------------------------|--------------------|--------------------|-----------|-----------|--------------------|-------------------|-----------|-----------|---------------------|
| ESQUEMAS  |                             |                                |                    | 25                 | 11        | 26        | 12                 | 13                | 19        | 20        | 53                  |
| Serie     | Medidas placa               | Corriente térmica convenc. lth | UL/CSA uso general |                    |           |           |                    |                   |           |           |                     |
|           |                             |                                |                    |                    |           |           |                    |                   |           |           |                     |
|           | [mm]                        | [A]                            | [A]                |                    |           |           |                    |                   |           |           |                     |
| GF...     | <input type="checkbox"/> 48 | 20                             | 15                 | GF2025U25          | GF2011U25 | GF2026U25 | GF2012U25          | GF2013U25         | GF2019U25 | GF2020U25 | GF2053U25           |
| GX...     | <input type="checkbox"/> 48 | 16                             | 12                 | GX1625U25          | GX1611U25 | GX1626U25 | GX1612U25          | GX1613U25         | GX1619U25 | GX1620U25 | GX1653U25           |
|           |                             | 20                             | 15                 | GX2025U25          | GX2011U25 | GX2026U25 | GX2012U25          | GX2013U25         | GX2019U25 | GX2020U25 | GX2053U25           |
|           | <input type="checkbox"/> 65 | 32                             | 32                 | GX3225U25          | GX3211U25 | GX3226U25 | GX3212U25          | GX3213U25         | GX3219U25 | GX3220U25 | GX3253U25           |
|           |                             | 40                             | 40                 | GX4025U25          | GX4011U25 | GX4026U25 | GX4012U25          | GX4013U25         | GX4019U25 | GX4020U25 | GX4053U25           |

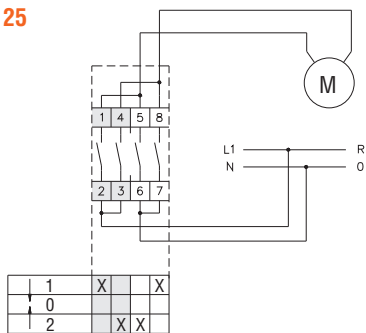
Ⓜ Placa frontal para GF20..., 7GN..., GX...

Ⓜ Placa frontal para GF10..., GN...

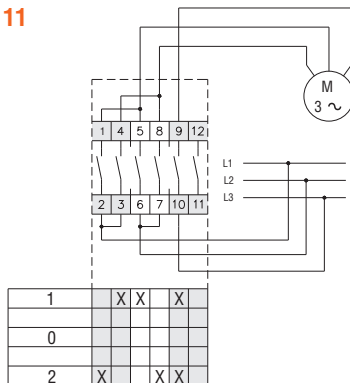
Ⓜ Para versión sin enclavamiento ni cubreterminales, sustituir U25 por U24 (p. ej. GF1025U24).

### ESQUEMAS

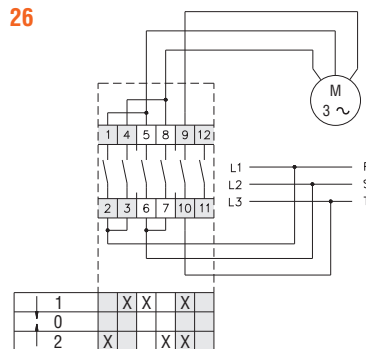
25



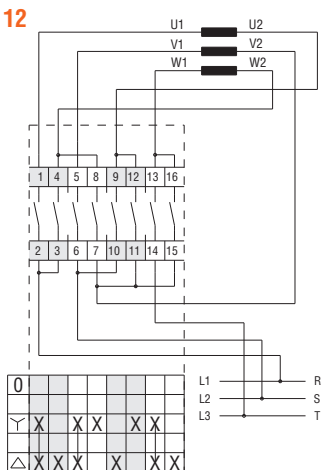
11



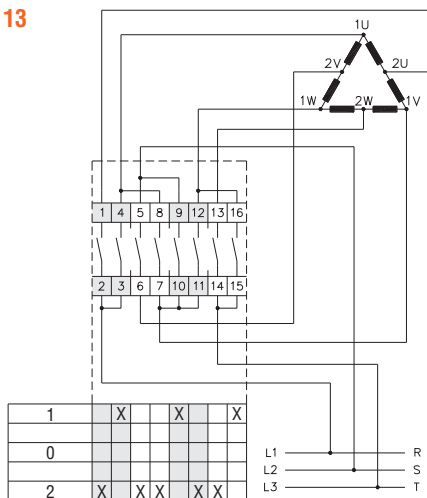
26



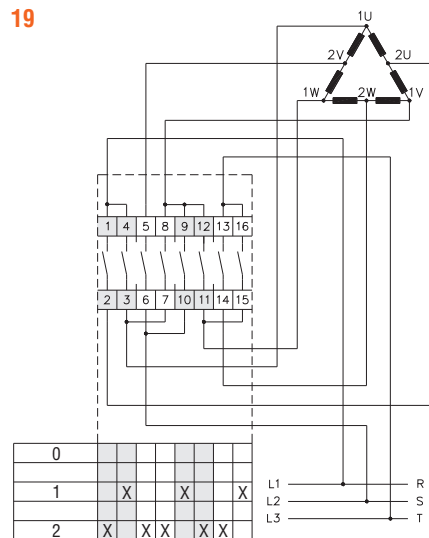
12



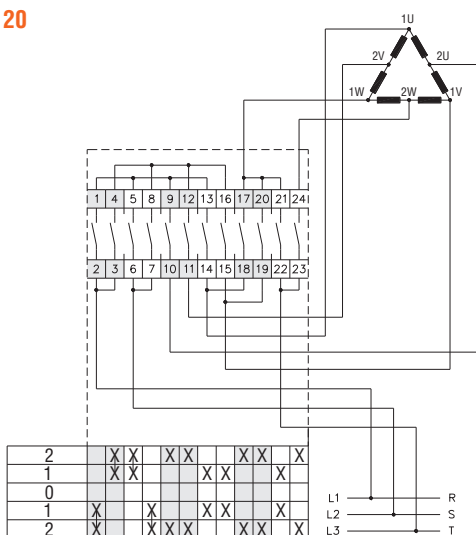
13



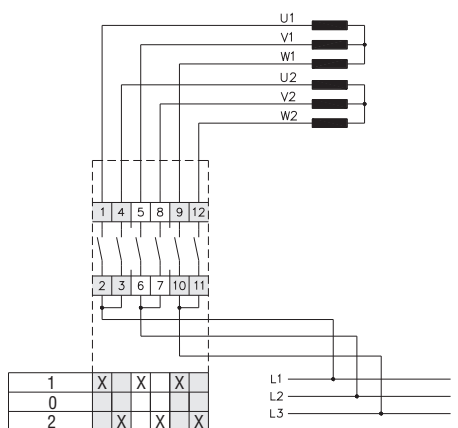
19



20



53



### Características técnicas

| Serie     | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |                      |                     |                     |                     | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|----------------------------------|------------------------|------------------------|----------------------|---------------------|---------------------|---------------------|---------------------------------|--------------------------------|
|           |                                  |                        | Monofásica 120V [HP]   | Monofásica 240V [HP] | Trifásica 240V [HP] | Trifásica 480V [HP] | Trifásica 600V [HP] |                                 |                                |
| GF10...   | 10                               | 10                     | —                      | 0,75                 | 2                   | —                   | —                   | 0,75                            | 3                              |
| GF20...   | 20                               | 15                     | —                      | 1                    | 3                   | —                   | —                   | 2                               | 7,5                            |
| 7GN12...  | 16                               | 15                     | 0,5                    | 1                    | 3                   | —                   | —                   | 1,7                             | 5,5                            |
| 7GN20...  | 20                               | 20                     | 0,75                   | 2                    | 3                   | 7,5                 | 10                  | 2,5                             | 7,5                            |
| 7GN25...  | 25                               | 30                     | 1,5                    | 3                    | 5                   | 10                  | 15                  | 3,7                             | 11                             |
| 7GN32...  | 32                               | 40                     | 2                      | 5                    | 10                  | 15                  | 15                  | 4                               | 15                             |
| 7GN40...  | 40                               | 50                     | 2                      | 5                    | 10                  | 20                  | 20                  | 6                               | 18,5                           |
| 7GN63...  | 63                               | 60                     | 3                      | 10                   | 15                  | 25                  | 25                  | 7,5                             | 30                             |
| 7GN125... | 125                              | 130                    | 5                      | 15                   | 25                  | 50                  | 40                  | 11                              | 45                             |

| Serie   | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |                      |                     |                     |                     | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|----------------------------------|------------------------|------------------------|----------------------|---------------------|---------------------|---------------------|---------------------------------|--------------------------------|
|         |                                  |                        | Monofásica 120V [HP]   | Monofásica 240V [HP] | Trifásica 240V [HP] | Trifásica 480V [HP] | Trifásica 600V [HP] |                                 |                                |
| GX16... | 16                               | 12                     | 0,75                   | 1                    | 3                   | 5                   | 5                   | 1,8                             | 6,5                            |
| GX20... | 20                               | 15                     | 0,75                   | 1,5                  | 3                   | 5                   | 5                   | 2,2                             | 7,5                            |
| GX32... | 32                               | 32                     | 1,5                    | 3                    | 7,5                 | 15                  | 15                  | 3,5                             | 15                             |
| GX40... | 40                               | 40                     | 2                      | 5                    | 10                  | 15                  | 15                  | 5,2                             | 18,5                           |
| GN200   | 200                              | 200                    | 15                     | 30                   | 50                  | 100                 | 75                  | —                               | 47                             |
| GN315   | 315                              | 255                    | 15                     | 30                   | 50                  | 100                 | 75                  | 37                              | 110                            |

### INVERSOR DE MARCHA - ESTRELLA-TRIÁNGULO - MOTORES DAHLANDER - BOBINADOS SEPARADOS



Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U65)

| Tipología |                       |   |                           | Inversor de marcha |             |             | Estrella-triángulo | Motores Dahlander |             |             | Bobinados separados |
|-----------|-----------------------|---|---------------------------|--------------------|-------------|-------------|--------------------|-------------------|-------------|-------------|---------------------|
| ESQUEMAS  |                       |   |                           | 25                 | 11          | 26          | 12                 | 13                | 19          | 20          | 53                  |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. I <sub>th</sub><br>[A] | UL/CSA uso general<br>[A] |                    |             |             |                    |                   |             |             |                     |
|           |                       |   |                           |                    |             |             |                    |                   |             |             |                     |
| 7GN...    | □65                   | 16  | 15                        | 7GN1225U65         | 7GN1211U65  | 7GN1226U65  | 7GN1212U65         | 7GN1213U65        | 7GN1219U65  | 7GN1220U65  | 7GN1253U65          |
|           |                       | 20  | 20                        | 7GN2025U65         | 7GN2011U65  | 7GN2026U65  | 7GN2012U65         | 7GN2013U65        | 7GN2019U65  | 7GN2020U65  | 7GN2053U65          |
|           |                       | 25  | 30                        | 7GN2525U65         | 7GN2511U65  | 7GN2526U65  | 7GN2512U65         | 7GN2513U65        | 7GN2519U65  | 7GN2520U65  | 7GN2553U65          |
|           |                       | 32  | 40                        | 7GN3225U65         | 7GN3211U65  | 7GN3226U65  | 7GN3212U65         | 7GN3213U65        | 7GN3219U65  | 7GN3220U65  | 7GN3253U65          |
|           |                       | 40  | 50                        | 7GN4025U65         | 7GN4011U65  | 7GN4026U65  | 7GN4012U65         | 7GN4013U65        | 7GN4019U65  | 7GN4020U65  | 7GN4053U65          |
|           | 63                    | 60  | 7GN6325U65                | 7GN6311U65         | 7GN6326U65  | 7GN6312U65  | 7GN6313U65         | 7GN6319U65        | 7GN6320U65  | 7GN6353U65  |                     |
|           | □90                   | 125   | 130                       | 7GN12525U65        | 7GN12511U65 | 7GN12526U65 | 7GN12512U65        | 7GN12513U65       | 7GN12519U65 | 7GN12520U65 | 7GN12553U65         |



Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47)Ⓢ

| Tipología |                       |   |                           | Inversor de marcha |            |            | Estrella-triángulo | Motores Dahlander |            |            | Bobinados separados |
|-----------|-----------------------|---|---------------------------|--------------------|------------|------------|--------------------|-------------------|------------|------------|---------------------|
| ESQUEMAS  |                       |   |                           | 25                 | 11         | 26         | 12                 | 13                | 19         | 20         | 53                  |
| Serie     | Medidas placa<br>[mm] | Corriente térmica convenc. I <sub>th</sub><br>[A] | UL/CSA uso general<br>[A] |                    |            |            |                    |                   |            |            |                     |
|           |                       |   |                           |                    |            |            |                    |                   |            |            |                     |
| GF...     | □30                   | 10  | 10                        | GF1025U47          | GF1011U47  | GF1026U47  | GF1012U47          | GF1013U47         | GF1019U47  | GF1020U47  | GF1053U47           |
|           | □48                   | 20  | 15                        | GF2025U47          | GF2011U47  | GF2026U47  | GF2012U47          | GF2013U47         | GF2019U47  | GF2020U47  | GF2053U47           |
| 7GN...    | □48                   | 16  | 15                        | 7GN1225U47         | 7GN1211U47 | 7GN1226U47 | 7GN1212U47         | 7GN1213U47        | 7GN1219U47 | 7GN1220U47 | 7GN1253U47          |
|           |                       | 20  | 20                        | 7GN2025U47         | 7GN2011U47 | 7GN2026U47 | 7GN2012U47         | 7GN2013U47        | 7GN2019U47 | 7GN2020U47 | 7GN2053U47          |
|           |                       | 25  | 30                        | 7GN2525U47         | 7GN2511U47 | 7GN2526U47 | 7GN2512U47         | 7GN2513U47        | 7GN2519U47 | 7GN2520U47 | 7GN2553U47          |
| GX...     | □48                   | 16  | 12                        | GX1625U47          | GX1611U47  | GX1626U47  | GX1612U47          | GX1613U47         | GX1619U47  | GX1620U47  | GX1653U47           |
|           |                       | 20  | 15                        | GX2025U47          | GX2011U47  | GX2026U47  | GX2012U47          | GX2013U47         | GX2019U47  | GX2020U47  | GX2053U47           |

Ⓢ Para versión de llave sustituir U47 por U29D (p. ej. GF1025U29D).

Ⓢ Placa frontal para GF20..., 7GN..., GX...

Ⓢ Placa frontal para GF10..., GN...



### INVERSOR DE MARCHA - ESTRELLA-TRIÁNGULO - MOTORES DAHLANDER - BOBINADOS SEPARADOS



Versión para montaje en fondo armario con maneta negra (0)

| Tipología                   |                              |                                |                    | Inversor de marcha |           |           | Estrella-triángulo | Motores Dahlander |           |           | Bobinados separados |
|-----------------------------|------------------------------|--------------------------------|--------------------|--------------------|-----------|-----------|--------------------|-------------------|-----------|-----------|---------------------|
| ESQUEMAS                    |                              |                                |                    | 25                 | 11        | 26        | 12                 | 13                | 19        | 20        | 53                  |
| Serie                       | Medidas placa                | Corriente térmica convenc. lth | UL/CSA uso general |                    |           |           |                    |                   |           |           |                     |
|                             | [mm]                         | [A]                            | [A]                |                    |           |           |                    |                   |           |           |                     |
| GF...                       | <input type="checkbox"/> 48  | 20                             | 15                 | GF20250            | GF20110   | GF20260   | GF20120            | GF20130           | GF20190   | GF20200   | GF20530             |
| 7GN...                      | <input type="checkbox"/> 48  | 16                             | 15                 | 7GN12250           | 7GN12110  | 7GN12260  | 7GN12120           | 7GN12130          | 7GN12190  | 7GN12200  | 7GN12530            |
|                             |                              | 20                             | 20                 | 7GN20250           | 7GN20110  | 7GN20260  | 7GN20120           | 7GN20130          | 7GN20190  | 7GN20200  | 7GN20530            |
|                             |                              | 25                             | 30                 | 7GN25250           | 7GN25110  | 7GN25260  | 7GN25120           | 7GN25130          | 7GN25190  | 7GN25200  | 7GN25530            |
|                             | <input type="checkbox"/> 65  | 32                             | 40                 | 7GN32250           | 7GN32110  | 7GN32260  | 7GN32120           | 7GN32130          | 7GN32190  | 7GN32200  | 7GN32530            |
|                             |                              | 40                             | 50                 | 7GN40250           | 7GN40110  | 7GN40260  | 7GN40120           | 7GN40130          | 7GN40190  | 7GN40200  | 7GN40530            |
| <input type="checkbox"/> 90 | 125                          | 130                            | 7GN125250          | 7GN125110          | 7GN125260 | 7GN125120 | 7GN125130          | 7GN125190         | 7GN125200 | 7GN125530 |                     |
| GX...                       | <input type="checkbox"/> 48  | 16                             | 12                 | GX16250            | GX16110   | GX16260   | GX16120            | GX16130           | GX16190   | GX16200   | GX16530             |
|                             |                              | 20                             | 15                 | GX20250            | GX20110   | GX20260   | GX20120            | GX20130           | GX20190   | GX20200   | GX20530             |
|                             | <input type="checkbox"/> 65  | 32                             | 32                 | GX32250            | GX32110   | GX32260   | GX32120            | GX32130           | GX32190   | GX32200   | GX32530             |
|                             |                              | 40                             | 40                 | GX40250            | GX40110   | GX40260   | GX40120            | GX40130           | GX40190   | GX40200   | GX40530             |
| GN...                       | <input type="checkbox"/> 132 | 200                            | 200                | GN200250           | GN200110  | GN200260  | GN200120           | GN200130          | GN200190  | GN200200  | GN200530            |
|                             |                              | 315                            | 255                | GN315250           | GN315110  | GN315260  | GN315120           | GN315130          | GN315190  | GN315200  | GN315530            |



Versión modular con maneta negra para montaje en guía DIN (048)Ⓢ

| Tipología |               |                                |                    | Inversor de marcha |            |            | Estrella-triángulo | Motores Dahlander |            |            | Bobinados separados |
|-----------|---------------|--------------------------------|--------------------|--------------------|------------|------------|--------------------|-------------------|------------|------------|---------------------|
| ESQUEMAS  |               |                                |                    | 25                 | 11         | 26         | 12                 | 13                | 19         | 20         | 53                  |
| Serie     | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |                    |            |            |                    |                   |            |            |                     |
|           | [mm]          | [A]                            | [A]                |                    |            |            |                    |                   |            |            |                     |
| GF...     | 45x54         | 20                             | 15                 | GF2025048          | GF2011048  | GF2026048  | GF2012048          | GF2013048         | GF2019048  | GF2020048  | GF2053048           |
| 7GN...    | 45x54         | 16                             | 15                 | 7GN1225048         | 7GN1211048 | 7GN1226048 | 7GN1212048         | 7GN1213048        | 7GN1219048 | 7GN1220048 | 7GN1253048          |
|           |               | 20                             | 20                 | 7GN2025048         | 7GN2011048 | 7GN2026048 | 7GN2012048         | 7GN2013048        | 7GN2019048 | 7GN2020048 | 7GN2053048          |
|           |               | 25                             | 30                 | 7GN2525048         | 7GN2511048 | 7GN2526048 | 7GN2512048         | 7GN2513048        | 7GN2519048 | 7GN2520048 | 7GN2553048          |
| GX...     | 45x54         | 16                             | 12                 | GX1625048          | GX1611048  | GX1626048  | GX1612048          | GX1613048         | GX1619048  | GX1620048  | GX1653048           |
|           |               | 20                             | 15                 | GX2025048          | GX2011048  | GX2026048  | GX2012048          | GX2013048         | GX2019048  | GX2020048  | GX2053048           |

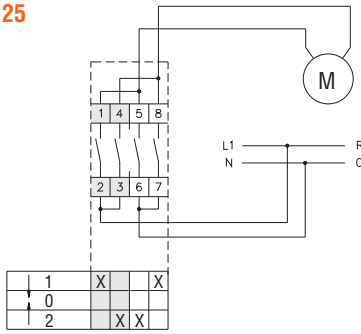
Ⓛ Placa frontal para GF20..., 7GN..., GX...

Ⓜ Placa frontal para GF10..., GN...

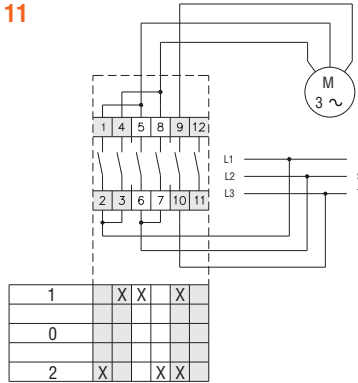
Ⓢ Para versión de llave sustituir 048 por 049 (p. ej. GF2025049).

### ESQUEMAS

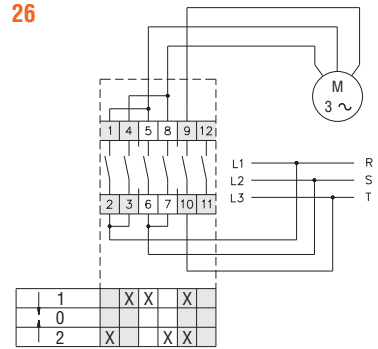
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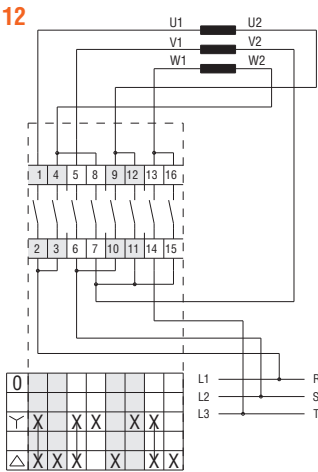
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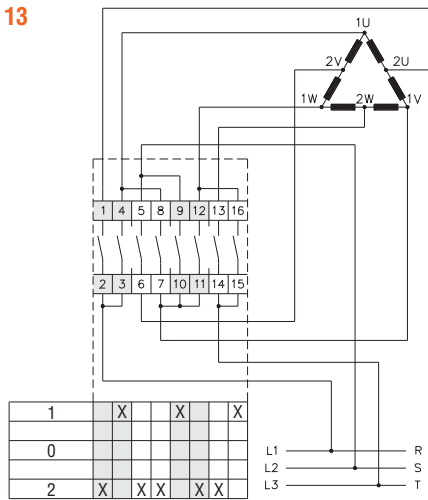
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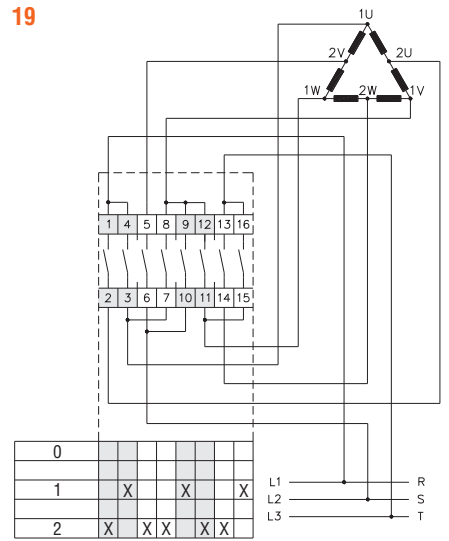
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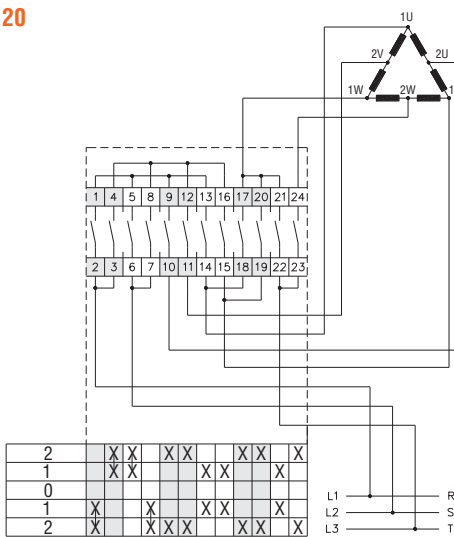
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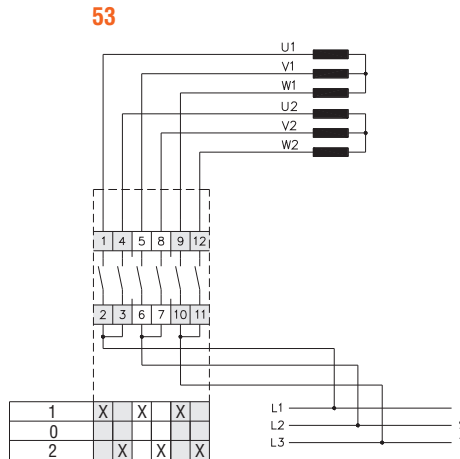
19



20



53



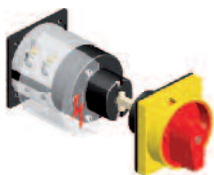
### Características técnicas

| Serie     | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|-----------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|           |                                  |                        | Monofásica 120V [HP]   | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF20...   | 20                               | 15                     | —                      | 1         | 3         | —         | 2         | 7,5                             |                                |
| 7GN12...  | 16                               | 15                     | 0,5                    | 1         | 3         | —         | 1,7       | 5,5                             |                                |
| 7GN20...  | 20                               | 20                     | 0,75                   | 2         | 3         | 7,5       | 2,5       | 7,5                             |                                |
| 7GN25...  | 25                               | 30                     | 1,5                    | 3         | 5         | 10        | 3,7       | 11                              |                                |
| 7GN32...  | 32                               | 40                     | 2                      | 5         | 10        | 15        | 4         | 15                              |                                |
| 7GN40...  | 40                               | 50                     | 2                      | 5         | 10        | 20        | 6         | 18,5                            |                                |
| 7GN63...  | 63                               | 60                     | 3                      | 10        | 15        | 25        | 7,5       | 30                              |                                |
| 7GN125... | 125                              | 130                    | 5                      | 15        | 25        | 50        | 11        | 45                              |                                |

| Serie   | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                  |                        | Monofásica 0,75 [HP]   | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                               | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                               | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                               | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |
| GN200   | 200                              | 200                    | 15                     | 30        | 50        | 100       | 75        | —                               | 47                             |
| GN315   | 315                              | 255                    | 15                     | 30        | 50        | 100       | 75        | 37                              | 110                            |

### INVERSOR DE MARCHA - ESTRELLA-TRIÁNGULO - MOTORES DAHLANDER - BOBINADOS SEPARADOS

Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (088)



| Tipología |               |                                |                    | Inversor de marcha |           |           | Estrella-triángulo | Motores Dahlander |           |           | Bobinados separados |
|-----------|---------------|--------------------------------|--------------------|--------------------|-----------|-----------|--------------------|-------------------|-----------|-----------|---------------------|
| ESQUEMAS  |               |                                |                    | 25                 | 11        | 26        | 12                 | 13                | 19        | 20        | 53                  |
| Serie     | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |                    |           |           |                    |                   |           |           |                     |
|           | [mm]          | [A]                            | [A]                |                    |           |           |                    |                   |           |           |                     |
| GF...     | □48           | 20                             | 15                 | GF2025088          | GF2011088 | GF2026088 | GF2012088          | GF2013088         | GF2019088 | GF2020088 | GF2053088           |
| GX...     | □48           | 16                             | 12                 | GX1625088          | GX1611088 | GX1626088 | GX1612088          | GX1613088         | GX1619088 | GX1620088 | GX1653088           |
|           |               | 20                             | 15                 | GX2025088          | GX2011088 | GX2026088 | GX2012088          | GX2013088         | GX2019088 | GX2020088 | GX2053088           |
|           | □65           | 32                             | 32                 | GX3225088          | GX3211088 | GX3226088 | GX3212088          | GX3213088         | GX3219088 | GX3220088 | GX3253088           |
|           |               | 40                             | 40                 | GX4025088          | GX4011088 | GX4026088 | GX4012088          | GX4013088         | GX4019088 | GX4020088 | GX4053088           |

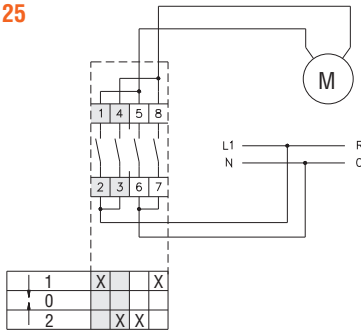
Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (098)



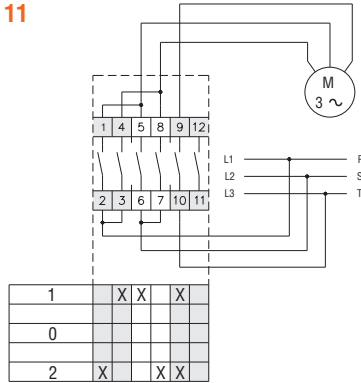
| Tipología |               |                                |                    | Inversor de marcha |            |            | Estrella-triángulo | Motores Dahlander |            |            | Bobinados separados |
|-----------|---------------|--------------------------------|--------------------|--------------------|------------|------------|--------------------|-------------------|------------|------------|---------------------|
| ESQUEMAS  |               |                                |                    | 25                 | 11         | 26         | 12                 | 13                | 19         | 20         | 53                  |
| Serie     | Medidas placa | Corriente térmica convenc. lth | UL/CSA uso general |                    |            |            |                    |                   |            |            |                     |
|           | [mm]          | [A]                            | [A]                |                    |            |            |                    |                   |            |            |                     |
| 7GN...    | □65           | 16                             | 15                 | 7GN1225098         | 7GN1211098 | 7GN1226098 | 7GN1212098         | 7GN1213098        | 7GN1219098 | 7GN1220098 | 7GN1253098          |
|           |               | 20                             | 20                 | 7GN2025098         | 7GN2011098 | 7GN2026098 | 7GN2012098         | 7GN2013098        | 7GN2019098 | 7GN2020098 | 7GN2053098          |
|           |               | 25                             | 30                 | 7GN2525098         | 7GN2511098 | 7GN2526098 | 7GN2512098         | 7GN2513098        | 7GN2519098 | 7GN2520098 | 7GN2553098          |
|           |               | 32                             | 40                 | 7GN3225098         | 7GN3211098 | 7GN3226098 | 7GN3212098         | 7GN3213098        | 7GN3219098 | 7GN3220098 | 7GN3253098          |
|           |               | 40                             | 50                 | 7GN4025098         | 7GN4011098 | 7GN4026098 | 7GN4012098         | 7GN4013098        | 7GN4019098 | 7GN4020098 | 7GN4053098          |

### ESQUEMAS

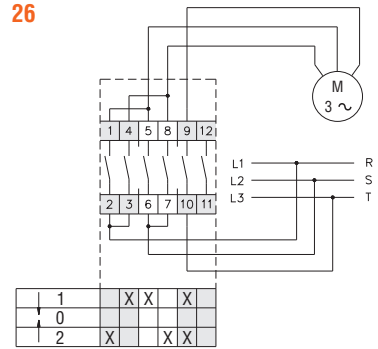
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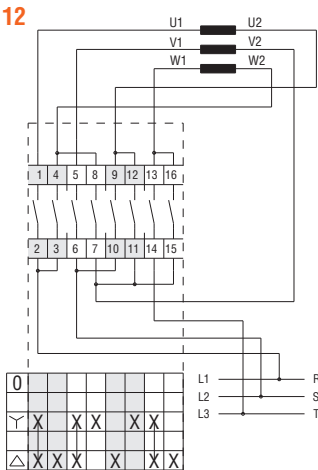
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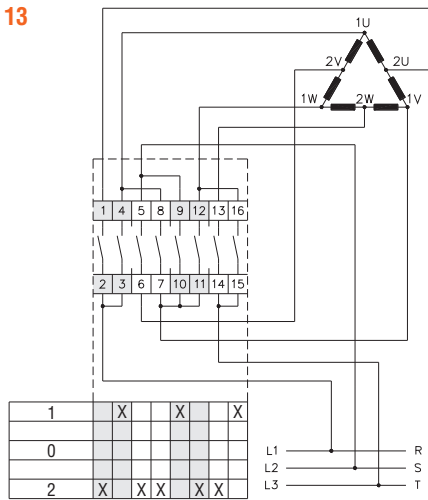
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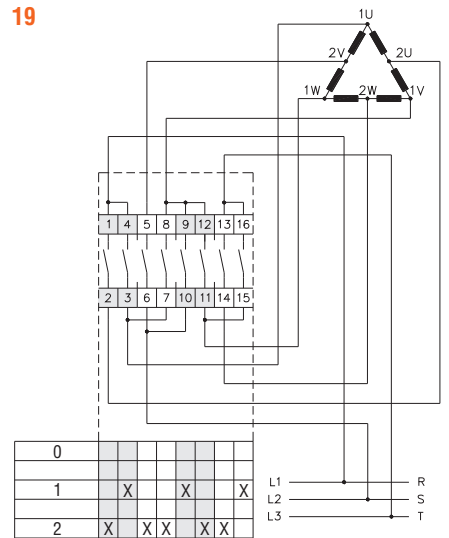
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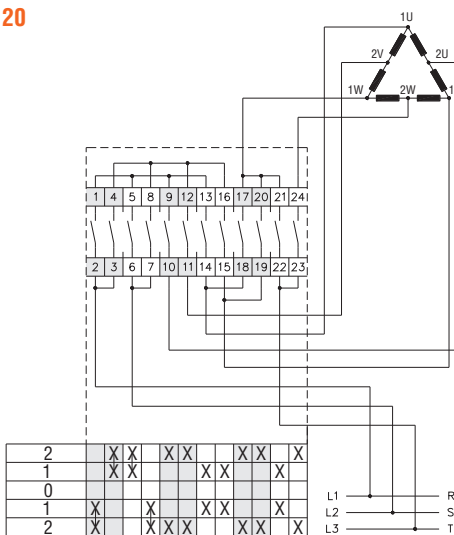
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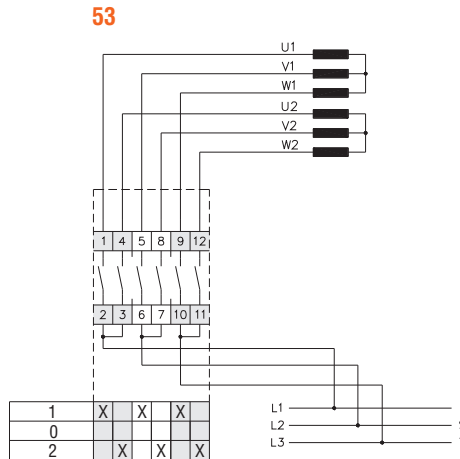
19



20



53



### Características técnicas

| Serie    | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|----------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|          |                                  |                        | Monofásica 120V [HP]   | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GF20...  | 20                               | 15                     | —                      | 1         | 3         | —         | —         | 2                               | 7,5                            |
| 7GN12... | 16                               | 15                     | 0,5                    | 1         | 3         | —         | —         | 1,7                             | 5,5                            |
| 7GN20... | 20                               | 20                     | 0,75                   | 2         | 3         | 7,5       | 10        | 2,5                             | 7,5                            |
| 7GN25... | 25                               | 30                     | 1,5                    | 3         | 5         | 10        | 15        | 3,7                             | 11                             |
| 7GN32... | 32                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 4                               | 15                             |
| 7GN40... | 40                               | 50                     | 2                      | 5         | 10        | 20        | 20        | 6                               | 18,5                           |

| Serie   | Corriente térmica. conv. lth [A] | UL/CSA uso general [A] | UL/CSA HP max. ratings |           |           |           |           | IEC AC23 monofásica [kW] a 230V | IEC AC23 trifásica [kW] a 400V |
|---------|----------------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------|--------------------------------|
|         |                                  |                        | Monofásica 0,75 [HP]   | 240V [HP] | 240V [HP] | 480V [HP] | 600V [HP] |                                 |                                |
| GX16... | 16                               | 12                     | 0,75                   | 1         | 3         | 5         | 5         | 1,8                             | 6,5                            |
| GX20... | 20                               | 15                     | 0,75                   | 1,5       | 3         | 5         | 5         | 2,2                             | 7,5                            |
| GX32... | 32                               | 32                     | 1,5                    | 3         | 7,5       | 15        | 15        | 3,5                             | 15                             |
| GX40... | 40                               | 40                     | 2                      | 5         | 10        | 15        | 15        | 5,2                             | 18,5                           |

### INVERSOR DE MARCHA - ESTRELLA-TRIÁNGULO - MOTORES DAHLANDER - BOBINADOS SEPARADOS

Versión con maneta negra en caja plástica (P)  
Versión con maneta negra en caja metálica (L)



| Tipología |                      |                                       |                           | Inversor de marcha |           |           | Estrella-triángulo | Motores Dahlander |           |          | Bobinados separados |
|-----------|----------------------|---------------------------------------|---------------------------|--------------------|-----------|-----------|--------------------|-------------------|-----------|----------|---------------------|
| ESQUEMAS  |                      |                                       |                           | 25                 | 11        | 26        | 12                 | 13                | 19        | 20       | 53                  |
| Serie     | Medidas caja<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |                    |           |           |                    |                   |           |          |                     |
|           |                      |                                       |                           | 7GN...             | 75x75     | 16        | 15                 | 7GN1225P          | 7GN1211P  | 7GN1226P | 7GN1212P            |
|           |                      | 20                                    | 20                        | 7GN2025P           | 7GN2011P  | 7GN2026P  | 7GN2012P           | 7GN2013P          | 7GN2019P  | —        | 7GN2053P            |
|           |                      | 25                                    | 30                        | 7GN2525P           | 7GN2511P  | 7GN2526P  | 7GN2512P①          | 7GN2513P①         | 7GN2519P① | —        | 7GN2553P            |
|           | 90x90                | 32                                    | 40                        | 7GN3225P           | 7GN3211P  | 7GN3226P  | 7GN3212P           | 7GN3213P          | 7GN3219P  | —        | 7GN3253P            |
|           | 110x110              | 40                                    | 50                        | 7GN4025P           | 7GN4011P  | 7GN4026P  | 7GN4012P           | 7GN4013P          | 7GN4019P  | —        | 7GN4053P            |
|           | 125x175              | 63                                    | 60                        | 7GN6325P           | 7GN6311P  | 7GN6326P  | 7GN6312P           | 7GN6313P          | 7GN6319P  | —        | 7GN6353P            |
|           | 180x254              | 125                                   | 130                       | 7GN12525P          | 7GN12511P | 7GN12526P | 7GN12512P          | 7GN12513P         | 7GN12519P | —        | 7GN12553P           |
| GX...     | 90x90                | 16                                    | 12                        | GX1625P            | GX1611P   | GX1626P   | GX1612P            | GX1613P           | GX1619P   | —        | GX1653P             |
|           |                      | 20                                    | 15                        | GX2025P            | GX2011P   | GX2026P   | GX2012P            | GX2013P           | GX2019P   | —        | GX2053P             |
|           | 110x110              | 32                                    | 32                        | GX3225P            | GX3211P   | GX3226P   | GX3212P            | GX3213P           | GX3219P   | —        | GX3253P             |
|           |                      | 40                                    | 40                        | GX4025P            | GX4011P   | GX4026P   | GX4012P            | GX4013P           | GX4019P   | —        | GX4053P             |
| GN...     | 250x316              | 200                                   | 200                       | GN20025L           | GN20011L  | GN20026L  | GN20012L           | GN20013L          | GN20019L  | GN20020L | GN20053L            |
|           |                      | 315                                   | 255                       | GN31525L           | GN31511L  | GN31526L  | GN31512L           | GN31513L          | GN31519L  | GN31520L | GN31553L            |

Versión con maneta amarillo/rojo en caja plástica (P25)

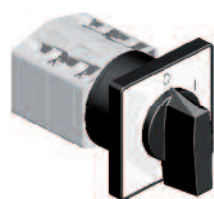


| Tipología |                      |                                       |                           | Inversor de marcha |             |             | Estrella-triángulo | Motores Dahlander |             |             | Bobinados separados |
|-----------|----------------------|---------------------------------------|---------------------------|--------------------|-------------|-------------|--------------------|-------------------|-------------|-------------|---------------------|
| ESQUEMAS  |                      |                                       |                           | 25                 | 11          | 26          | 12                 | 13                | 19          | 53          |                     |
| Serie     | Medidas caja<br>[mm] | Corriente térmica convenc. lth<br>[A] | UL/CSA uso general<br>[A] |                    |             |             |                    |                   |             |             |                     |
|           |                      |                                       |                           | 7GN...             | 90x90       | 16          | 15                 | 7GN1225P25        | 7GN1211P25  | 7GN1226P25  | 7GN1212P25          |
|           |                      | 20                                    | 20                        | 7GN2025P25         | 7GN2011P25  | 7GN2026P25  | 7GN2012P25         | 7GN2013P25        | 7GN2019P25  | 7GN2053P25  |                     |
|           |                      | 25                                    | 30                        | 7GN2525P25         | 7GN2511P25  | 7GN2526P25  | 7GN2512P25②        | 7GN2513P25②       | 7GN2519P25② | 7GN2553P25  |                     |
|           |                      | 32                                    | 40                        | 7GN3225P25         | 7GN3211P25  | 7GN3226P25  | 7GN3212P25         | 7GN3213P25        | 7GN3219P25  | 7GN3253P25  |                     |
|           | 110x110              | 40                                    | 50                        | 7GN4025P25         | 7GN4011P25  | 7GN4026P25  | 7GN4012P25         | 7GN4013P25        | 7GN4019P25  | 7GN4053P25  |                     |
|           | 125x175              | 63                                    | 60                        | 7GN6325P25         | 7GN6311P25  | 7GN6326P25  | 7GN6312P25         | 7GN6313P25        | 7GN6319P25  | 7GN6353P25  |                     |
|           | 180x254              | 125                                   | 130                       | 7GN12525P25        | 7GN12511P25 | 7GN12526P25 | 7GN12512P25        | 7GN12513P25       | 7GN12519P25 | 7GN12553P25 |                     |
| GX...     | 90x90                | 16                                    | 12                        | GX1625P25          | GX1611P25   | GX1626P25   | GX1612P25          | GX1613P25         | GX1619P25   | GX1653P25   |                     |
|           |                      | 20                                    | 15                        | GX2025P25          | GX2011P25   | GX2026P25   | GX2012P25          | GX2013P25         | GX2019P25   | GX2053P25   |                     |
|           | 110x110              | 32                                    | 32                        | GX3225P25          | GX3211P25   | GX3226P25   | GX3212P25          | GX3213P25         | GX3219P25   | GX3253P25   |                     |
|           |                      | 40                                    | 40                        | GX4025P25          | GX4011P25   | GX4026P25   | GX4012P25          | GX4013P25         | GX4019P25   | GX4053P25   |                     |

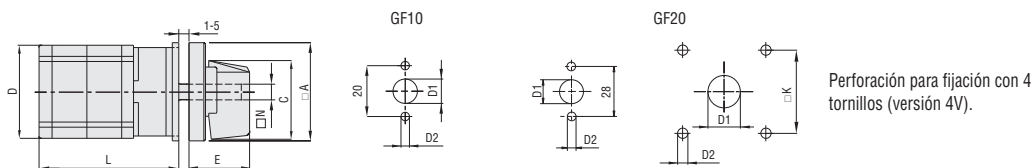
① Medidas caja 90x90mm.



## Versión para montaje frontal con maneta negra (U)



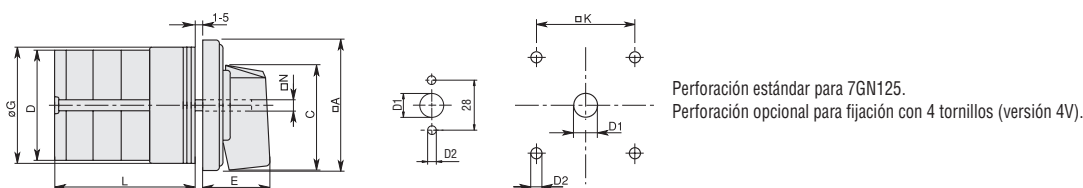
GF...



| Serie | Medidas |      |    |     |     |      |    |    | L Cantidad elementos |      |    |      |    |       |     |       |     |       |     |       |
|-------|---------|------|----|-----|-----|------|----|----|----------------------|------|----|------|----|-------|-----|-------|-----|-------|-----|-------|
|       | □A      | C    | D  | ØD1 | ØD2 | E    | □K | N  | 1                    | 2    | 3  | 4    | 5  | 6     | 7   | 8     | 9   | 10    | 11  | 12    |
| GF10  | 30      | 24   | 29 | 9   | 3,2 | 18,5 | -  | Ø5 | 40                   | 52   | 64 | 76   | 88 | 100   | 112 | 124   | -   | -     | -   | -     |
| GF20  | 48      | 39,5 | 36 | 12  | 5   | 26,5 | 36 | □6 | 44                   | 57,5 | 71 | 84,5 | 98 | 111,5 | 125 | 138,5 | 152 | 165,5 | 179 | 192,5 |



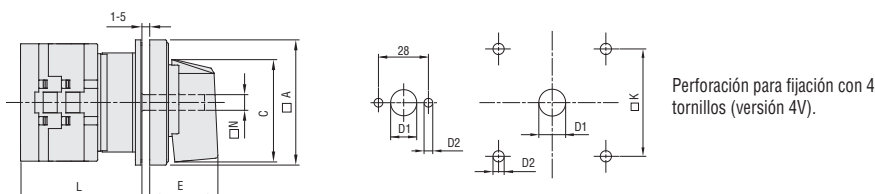
7GN...



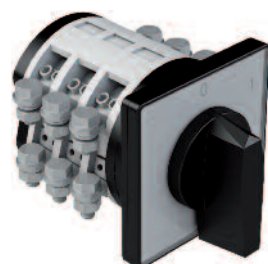
| Serie  | Medidas |      |    |     |     |      |      |    |    |      | L Cantidad elementos |       |       |       |       |       |       |       |       |       |       |  |
|--------|---------|------|----|-----|-----|------|------|----|----|------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|        | □A      | C    | ØD | ØD1 | ØD2 | E    | ØG   | □K | □N | 1    | 2                    | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |  |
| 7GN12  | 48      | 39,5 | 39 | 12  | 5   | 26,5 | 38   | 36 | 6  | 36,1 | 45,8                 | 55,5  | 65,2  | 74,9  | 84,6  | 94,3  | 104   | 113,7 | 123,4 | 133,1 | 142,8 |  |
| 7GN20  | 48      | 39,5 | 39 | 12  | 5   | 26,5 | 38   | 36 | 6  | 36,1 | 45,8                 | 55,5  | 65,2  | 74,9  | 84,6  | 94,3  | 104   | 113,7 | 123,4 | 133,1 | 142,8 |  |
| 7GN25  | 48      | 39,5 | 43 | 12  | 5   | 26,5 | 38   | 36 | 6  | 40,5 | 54,1                 | 67,7  | 81,3  | 94,9  | 108,5 | 122,1 | 135,7 | 149,3 | 162,9 | 176,5 | 190,1 |  |
| 7GN32  | 65      | 53   | 58 | 14  | 5   | 34,5 | 58,5 | 48 | 7  | 46,5 | 61,6                 | 76,7  | 91,8  | 106,9 | 122   | 137,1 | 152,2 | 167,3 | 182,4 | 197,5 | 212,6 |  |
| 7GN40  | 65      | 53   | 58 | 14  | 5   | 34,5 | 58,5 | 48 | 7  | 46,5 | 61,6                 | 76,7  | 91,8  | 106,9 | 122   | 137,1 | 152,2 | 167,3 | 182,4 | 197,5 | 212,6 |  |
| 7GN63  | 65      | 53   | 62 | 14  | 5   | 34,5 | 58,5 | 48 | 7  | 50,3 | 68,4                 | 86,5  | 104,6 | 122,7 | 140,8 | 158,9 | 177   | 195,1 | 213,2 | 231,3 | 249,4 |  |
| 7GN125 | 90      | 70,5 | 86 | 16  | 6   | 41,5 | 84   | 68 | 9  | 67,3 | 96,4                 | 125,5 | 154,6 | 183,7 | 220,3 | 249,4 | 278,5 | 307,6 | 336,7 | 365,8 | 394,9 |  |



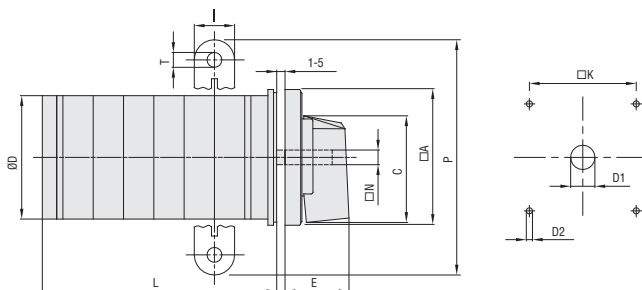
GX...



| Serie | Medidas |      |     |     |      |    |    | L Cantidad elementos |      |    |      |    |      |     |       |     |       |     |       |
|-------|---------|------|-----|-----|------|----|----|----------------------|------|----|------|----|------|-----|-------|-----|-------|-----|-------|
|       | □A      | C    | ØD1 | ØD2 | E    | □K | □N | 1                    | 2    | 3  | 4    | 5  | 6    | 7   | 8     | 9   | 10    | 11  | 12    |
| GX16  | 48      | 39,5 | 12  | 5   | 26,5 | 36 | 6  | 43                   | 51,5 | 60 | 68,5 | 77 | 85,5 | 94  | 102,5 | 111 | 119,5 | 128 | 136,5 |
| GX20  | 48      | 39,5 | 12  | 5   | 26,5 | 36 | 6  | 43                   | 51,5 | 60 | 68,5 | 77 | 85,5 | 94  | 102,5 | 111 | 119,5 | 128 | 136,5 |
| GX32  | 65      | 53   | 14  | 5   | 34,5 | 48 | 7  | 51                   | 63   | 75 | 85   | 99 | 111  | 123 | 135   | 147 | 159   | 171 | 183   |
| GX40  | 65      | 53   | 14  | 5   | 34,5 | 48 | 7  | 51                   | 63   | 75 | 85   | 99 | 111  | 123 | 135   | 147 | 159   | 171 | 183   |



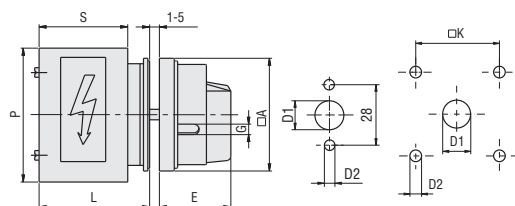
GN...



| Serie | Medidas |     |     |     |     |    |    |     |    |     |      | L Cantidad elementos ① |     |     |     |     |     |     |     |     |     |     |     |
|-------|---------|-----|-----|-----|-----|----|----|-----|----|-----|------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|       | □A      | C   | ØD  | ØD1 | ØD2 | E  | I  | □K  | □N | P   | ØT   | 1                      | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| GN200 | 132     | 104 | 120 | 16  | 5,3 | 56 | 20 | 104 | 10 | 140 | 10,5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |
| GN315 | 132     | 104 | 120 | 16  | 5,3 | 56 | 20 | 104 | 10 | 145 | 10,5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |

① Para dispositivos con 6 o más elementos, contacte con nuestro servicio de atención a clientes (datos de contacto en la contraportada).

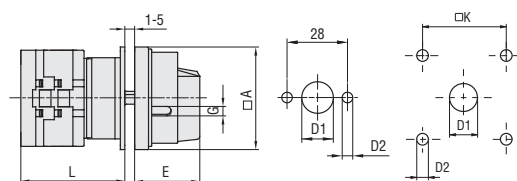
## Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U25)



Perforación para fijación con 4 tornillos (versión 4V).

Serie GF

| Serie       | Medidas |    |    |      |   |    | L  |      |        |       |
|-------------|---------|----|----|------|---|----|----|------|--------|-------|
|             | □A      | D1 | D2 | E    | G | □K | 1  | 2    | 3...12 |       |
| <b>GF20</b> | 48      | 12 | 5  | 34,2 | 5 | 36 | 44 | 57,5 | 71     | 192,5 |



Perforación para fijación con 4 tornillos (versión 4V).

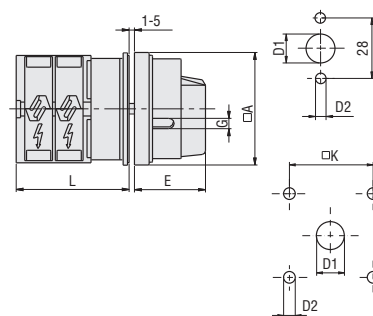
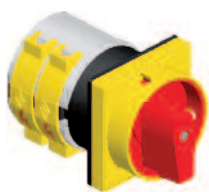
Serie GX

| Serie       | Medidas |    |    |      |   |    | L  |      |        |       |
|-------------|---------|----|----|------|---|----|----|------|--------|-------|
|             | □A      | D1 | D2 | E    | G | □K | 1  | 2    | 3...12 |       |
| <b>GX16</b> | 48      | 12 | 5  | 34,2 | 5 | 36 | 43 | 51,5 | 60     | 136,5 |
| <b>GX20</b> | 48      | 12 | 5  | 34,2 | 5 | 36 | 43 | 51,5 | 60     | 136,5 |
| <b>GX32</b> | 65      | 14 | 5  | 38   | 6 | 48 | 51 | 63   | 75     | 183   |
| <b>GX40</b> | 65      | 14 | 5  | 38   | 6 | 48 | 51 | 63   | 75     | 183   |

Serie 7GN

| Serie        | Medidas |    |    |      |   |    |    |    |      |  |
|--------------|---------|----|----|------|---|----|----|----|------|--|
|              | □A      | D1 | D2 | E    | G | □K | S  | P  | L    |  |
| <b>7GN12</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 43 | 64 | 54,3 |  |
| <b>7GN20</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 43 | 64 | 54,3 |  |
| <b>7GN25</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 51 | 68 | 62,6 |  |
| <b>7GN32</b> | 65      | 14 | 5  | 38   | 6 | 48 | 55 | 77 | 71,7 |  |
| <b>7GN40</b> | 65      | 14 | 5  | 38   | 6 | 48 | 55 | 77 | 71,7 |  |

## Versión para montaje frontal con maneta amarillo/rojo enclavable en 0 y cubreterminales (U65)

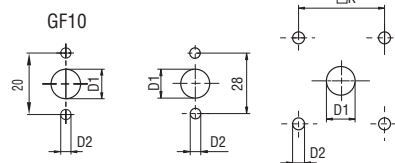
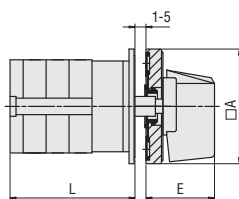


Perforación estándar para 7GN125.  
Perforación opcional para fijación con 4 tornillos (versión 4V).

Serie 7GN

| Serie         | Medidas |    |    |      |   |    | L    |      |        |       |
|---------------|---------|----|----|------|---|----|------|------|--------|-------|
|               | □A      | D1 | D2 | E    | G | □K | 1    | 2    | 3...12 |       |
| <b>7GN12</b>  | 65      | 12 | 5  | 34,2 | 5 | 36 | 36,1 | 45,8 | 55,5   | 142,8 |
| <b>7GN20</b>  | 65      | 12 | 5  | 34,2 | 5 | 36 | 36,1 | 45,8 | 55,5   | 142,8 |
| <b>7GN25</b>  | 65      | 12 | 5  | 34,2 | 5 | 36 | 40,5 | 54,1 | 67,7   | 190,1 |
| <b>7GN32</b>  | 65      | 14 | 5  | 38   | 6 | 48 | 46,5 | 61,6 | 76,7   | 212,6 |
| <b>7GN40</b>  | 65      | 14 | 5  | 38   | 6 | 48 | 46,5 | 61,6 | 76,7   | 212,6 |
| <b>7GN63</b>  | 65      | 14 | 5  | 38   | 6 | 48 | 50,3 | 68,4 | 86,5   | 249,4 |
| <b>7GN125</b> | 90      | 16 | 6  | 49   | 7 | 68 | 67,3 | 96,4 | 125,5  | 394,9 |

## Versión para montaje frontal con maneta negra y protección frontal IP65 (U51)



Perforación estándar para 7GN125.  
Perforación opcional para fijación con 4 tornillos (versión 4V).

Serie GF

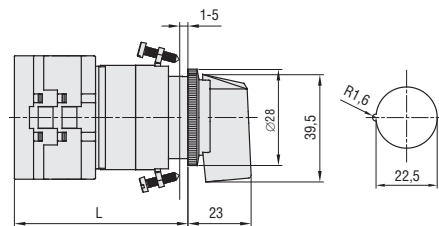
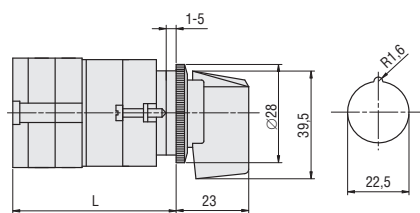
| Serie       | Medidas |    |     |      |    | L  |      |        |       |
|-------------|---------|----|-----|------|----|----|------|--------|-------|
|             | □A      | D1 | D2  | E    | □K | 1  | 2    | 3...12 |       |
| <b>GF10</b> | 30      | 9  | 3,2 | 18,5 | -  | 40 | 52   | 64     | ①     |
| <b>GF20</b> | 48      | 12 | 5   | 26,5 | 36 | 44 | 57,5 | 71     | 192,5 |

① GF10: máximo 8 elementos.

Serie 7GN

| Serie         | Medidas |    |    |      |    | L    |      |        |       |
|---------------|---------|----|----|------|----|------|------|--------|-------|
|               | □A      | D1 | D2 | E    | □K | 1    | 2    | 3...12 |       |
| <b>7GN12</b>  | 48      | 12 | 5  | 26,5 | 36 | 36,1 | 45,8 | 55,5   | 142,8 |
| <b>7GN20</b>  | 48      | 12 | 5  | 26,5 | 36 | 36,1 | 45,8 | 55,5   | 142,8 |
| <b>7GN25</b>  | 48      | 12 | 5  | 26,5 | 36 | 40,5 | 54,1 | 67,7   | 190,1 |
| <b>7GN32</b>  | 65      | 14 | 5  | 34,5 | 48 | 46,5 | 61,6 | 76,7   | 212,6 |
| <b>7GN40</b>  | 65      | 14 | 5  | 34,5 | 48 | 46,5 | 61,6 | 76,7   | 212,6 |
| <b>7GN63</b>  | 65      | 14 | 5  | 34,5 | 48 | 50,3 | 68,4 | 86,5   | 249,4 |
| <b>7GN125</b> | 90      | 16 | 6  | 41,5 | 68 | 67,3 | 96,4 | 125,5  | 394,9 |

## Versión para montaje frontal con maneta negra sin placa con fijación agujero Ø22mm (U11)



Serie GF

| Serie       | L    |    |       |     |
|-------------|------|----|-------|-----|
|             | 1    | 2  | 3...8 |     |
| <b>GF20</b> | 54,5 | 68 | 81,5  | 203 |

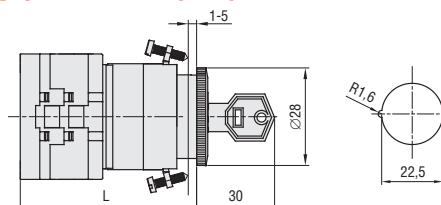
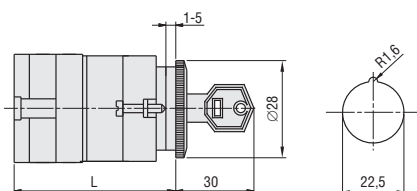
Serie GX

| Serie       | L  |      |       |       |
|-------------|----|------|-------|-------|
|             | 1  | 2    | 3...8 |       |
| <b>GX16</b> | 54 | 62,5 | 71    | 147,5 |
| <b>GX20</b> | 54 | 62,5 | 71    | 147,5 |

Serie 7GN

| Serie        | L    |      |       |       |
|--------------|------|------|-------|-------|
|              | 1    | 2    | 3...8 |       |
| <b>7GN12</b> | 47   | 56,7 | 66,4  | 114,9 |
| <b>7GN20</b> | 47   | 56,7 | 66,4  | 114,9 |
| <b>7GN25</b> | 51,4 | 65   | 78,6  | 146,6 |

## Versión para montaje frontal sin placa con mando de llave y fijación agujero Ø22mm (U12)



Serie GF

| Serie       | L    |    |       |     |
|-------------|------|----|-------|-----|
|             | 1    | 2  | 3...8 |     |
| <b>GF20</b> | 54,5 | 68 | 81,5  | 149 |

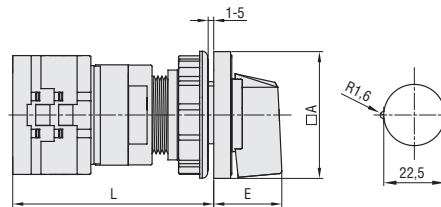
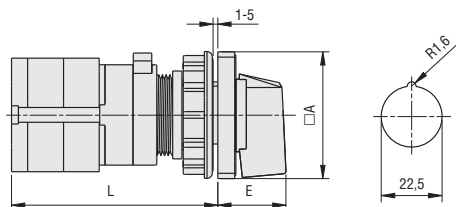
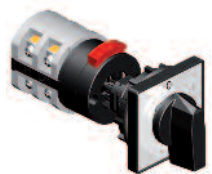
Serie GX

| Serie       | L  |      |       |       |
|-------------|----|------|-------|-------|
|             | 1  | 2    | 3...8 |       |
| <b>GX16</b> | 54 | 62,5 | 71    | 113,4 |
| <b>GX20</b> | 54 | 62,5 | 71    | 113,4 |

Serie 7GN

| Serie        | L    |      |       |       |
|--------------|------|------|-------|-------|
|              | 1    | 2    | 3...8 |       |
| <b>7GN12</b> | 47   | 56,7 | 66,4  | 114,9 |
| <b>7GN20</b> | 47   | 56,7 | 66,4  | 114,9 |
| <b>7GN25</b> | 51,4 | 65   | 78,6  | 146,6 |

## Versión para montaje frontal con maneta negra y fijación a presión para agujero Ø22mm (U47)



Serie GF

| Serie       | Medidas |      | L  |      |       |       |
|-------------|---------|------|----|------|-------|-------|
|             | □A      | E    | 1  | 2    | 3...8 |       |
| <b>GF10</b> | 30      | 18,5 | 60 | 72   | 84    | 144   |
| <b>GF20</b> | 48      | 26,5 | 56 | 69,5 | 83    | 150,5 |

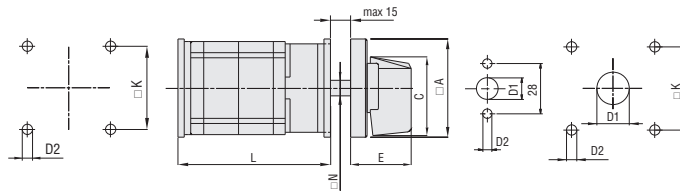
Serie GX

| Serie       | Medidas |      | L    |      |       |       |
|-------------|---------|------|------|------|-------|-------|
|             | □A      | E    | 1    | 2    | 3...8 |       |
| <b>GX16</b> | 48      | 26,5 | 64,9 | 73,4 | 81,9  | 124,4 |
| <b>GX20</b> | 48      | 26,5 | 64,9 | 73,4 | 81,9  | 124,4 |

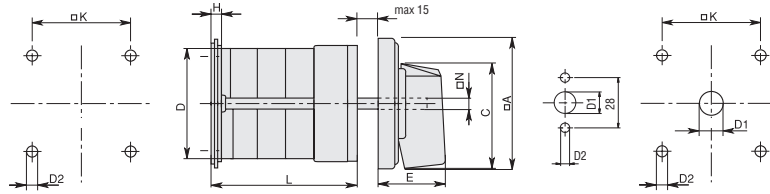
Serie 7GN

| Serie        | Medidas |      | L    |      |       |       |
|--------------|---------|------|------|------|-------|-------|
|              | □A      | E    | 1    | 2    | 3...8 |       |
| <b>7GN12</b> | 48      | 26,5 | 58   | 67,7 | 77,4  | 125,9 |
| <b>7GN20</b> | 48      | 26,5 | 58   | 67,7 | 77,4  | 125,9 |
| <b>7GN25</b> | 48      | 26,5 | 62,4 | 76   | 89,6  | 157,6 |

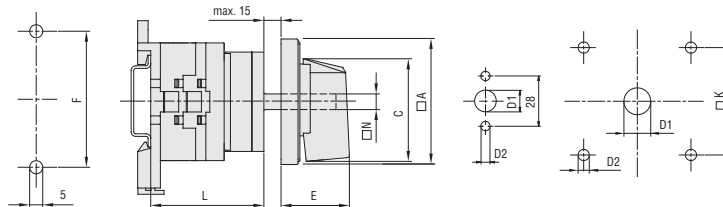
## Versión para montaje en fondo armario con maneta negra (0)



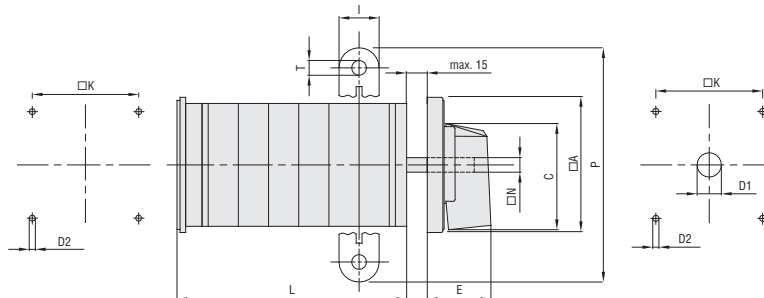
| Serie       | Medidas |      |     |     |      |    |    | L Cantidad elementos |      |    |      |     |       |     |       |     |       |     |       |
|-------------|---------|------|-----|-----|------|----|----|----------------------|------|----|------|-----|-------|-----|-------|-----|-------|-----|-------|
|             | □A      | C    | ØD1 | ØD2 | E    | □K | N  | 1                    | 2    | 3  | 4    | 5   | 6     | 7   | 8     | 9   | 10    | 11  | 12    |
| <b>GF20</b> | 48      | 39,5 | 12  | 5   | 26,5 | 36 | □6 | 46                   | 59,5 | 73 | 86,5 | 100 | 113,5 | 127 | 140,5 | 154 | 167,5 | 181 | 194,5 |



| Serie         | Medidas |      |    |     |      |     |    |    | L Cantidad elementos |       |      |       |       |       |       |       |       |       |       |       |
|---------------|---------|------|----|-----|------|-----|----|----|----------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | □A      | C    | ØD | ØD2 | E    | H   | □K | □N | 1                    | 2     | 3    | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
| <b>7GN12</b>  | 48      | 39,5 | 39 | 5   | 26,5 | 5   | 36 | 6  | 38,1                 | 47,8  | 57,5 | 67,2  | 76,9  | 86,6  | 96,3  | 106   | 115,7 | 125,4 | 135,1 | 144,8 |
| <b>7GN20</b>  | 48      | 39,5 | 39 | 5   | 26,5 | 5   | 36 | 6  | 38,1                 | 47,8  | 57,5 | 67,2  | 76,9  | 86,6  | 96,3  | 106   | 115,7 | 125,4 | 135,1 | 144,8 |
| <b>7GN25</b>  | 48      | 39,5 | 43 | 5   | 26,5 | 5   | 36 | 6  | 42,5                 | 56,1  | 69,7 | 83,3  | 96,9  | 110,5 | 124,1 | 137,7 | 151,3 | 164,9 | 178,5 | 192,1 |
| <b>7GN32</b>  | 65      | 53   | 58 | 5   | 34,5 | 5,5 | 48 | 7  | 48,5                 | 63,6  | 78,7 | 93,8  | 108,9 | 124   | 139,1 | 154,2 | 169,3 | 184,4 | 199,5 | 214,6 |
| <b>7GN40</b>  | 65      | 53   | 58 | 5   | 34,5 | 5,5 | 48 | 7  | 48,5                 | 63,6  | 78,7 | 93,8  | 108,9 | 124   | 139,1 | 154,2 | 169,3 | 184,4 | 199,5 | 214,6 |
| <b>7GN63</b>  | 65      | 53   | 62 | 6   | 34,5 | 7,5 | 68 | 7  | 53,3                 | 71,4  | 89,5 | 107,6 | 125,7 | 143,8 | 161,9 | 180   | 198,1 | 216,2 | 234,3 | 252,4 |
| <b>7GN125</b> | 90      | 70,5 | 86 | 6   | 41,4 | 7,5 | 68 | 9  | 74,8                 | 103,9 | 133  | 162,1 | 191,2 | 220,3 | 249,4 | 278,5 | 307,6 | 336,7 | 365,8 | 394,9 |



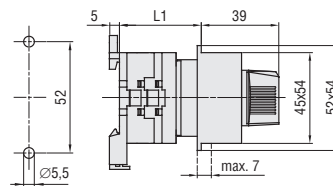
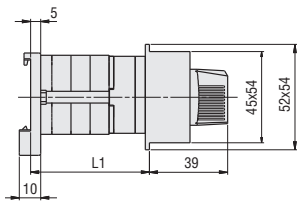
| Serie       | Medidas |      |      |    |    | L Cantidad elementos |      |    |      |    |      |     |      |     |       |     |       |
|-------------|---------|------|------|----|----|----------------------|------|----|------|----|------|-----|------|-----|-------|-----|-------|
|             | □A      | C    | E    | F  | □N | 1                    | 2    | 3  | 4    | 5  | 6    | 7   | 8    | 9   | 10    | 11  | 12    |
| <b>GX16</b> | 48      | 39,5 | 26,5 | 52 | 6  | 37                   | 45,5 | 54 | 62,5 | 71 | 79,5 | 88  | 96,5 | 105 | 113,5 | 122 | 130,5 |
| <b>GX20</b> | 48      | 39,5 | 26,5 | 52 | 6  | 37                   | 45,5 | 54 | 62,5 | 71 | 79,5 | 88  | 96,5 | 105 | 113,5 | 122 | 130,5 |
| <b>GX32</b> | 65      | 53   | 34,5 | 68 | 7  | 48                   | 60   | 72 | 84   | 96 | 108  | 120 | 132  | 144 | 156   | 168 | 180   |
| <b>GX40</b> | 65      | 53   | 34,5 | 68 | 7  | 48                   | 60   | 72 | 84   | 96 | 108  | 120 | 132  | 144 | 156   | 168 | 180   |



| Serie        | Medidas |     |     |    |    |     |    |     |      | L Cantidad elementos ① |     |     |     |     |     |     |     |     |     |     |     |
|--------------|---------|-----|-----|----|----|-----|----|-----|------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|              | □A      | C   | ØD2 | E  | I  | □K  | □N | P   | ØT   | 1                      | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| <b>GN200</b> | 132     | 104 | 5,3 | 56 | 20 | 104 | 10 | 140 | 10,5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |
| <b>GN315</b> | 132     | 104 | 5,3 | 56 | 20 | 104 | 10 | 145 | 10,5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |

① Para dispositivos con 6 o más elementos, contacte con nuestro servicio de atención a clientes (datos de contacto en la contraportada).

## Versión modular con maneta negra para montaje en guía DIN (048)



Serie GF

| Serie       | L1 |      |    |
|-------------|----|------|----|
|             | 1  | 2    | 3  |
| <b>GF20</b> | 40 | 53,5 | 67 |

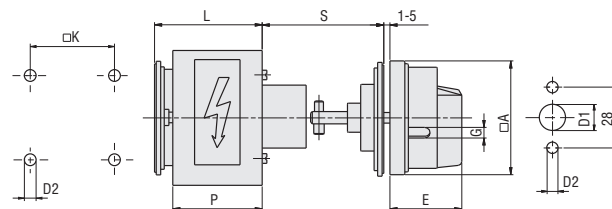
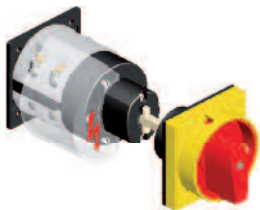
Serie GX

| Serie       | L1 |      |    |
|-------------|----|------|----|
|             | 1  | 2    | 3  |
| <b>GX16</b> | 33 | 41,5 | 50 |
| <b>GX20</b> | 33 | 41,5 | 50 |

Serie 7GN

| Serie        | L1   |      |      |
|--------------|------|------|------|
|              | 1    | 2    | 3    |
| <b>7GN12</b> | 38,1 | 47,8 | 57,5 |
| <b>7GN20</b> | 38,1 | 47,8 | 57,5 |
| <b>7GN25</b> | 42,5 | 56,1 | 69,7 |

## Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (088)

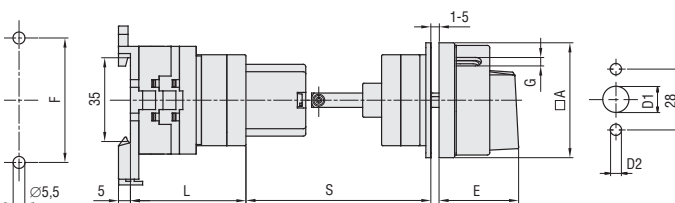


Serie GF

| Serie       | Medidas |    |    |      |   |    |       | L  |      |        |       |
|-------------|---------|----|----|------|---|----|-------|----|------|--------|-------|
|             | □A      | D1 | D2 | E    | G | □K | S     | 1  | 2    | 3...12 |       |
| <b>GF20</b> | 48      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 46 | 59,5 | 73     | 194,5 |

Serie 7GN

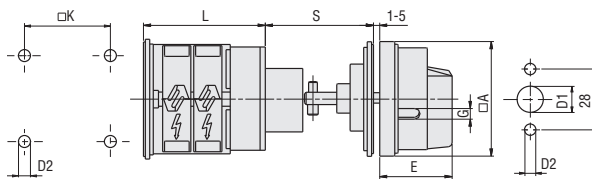
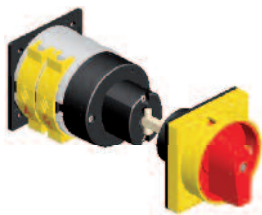
| Serie        | Medidas |    |    |      |   |    |       |    |      |  |
|--------------|---------|----|----|------|---|----|-------|----|------|--|
|              | □A      | D1 | D2 | E    | G | □K | S     | P  | L    |  |
| <b>7GN12</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 43 | 51,3 |  |
| <b>7GN20</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 43 | 51,3 |  |
| <b>7GN25</b> | 65      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 51 | 59,6 |  |
| <b>7GN32</b> | 65      | 14 | 5  | 38   | 6 | 48 | 45-55 | 55 | 68,7 |  |
| <b>7GN40</b> | 65      | 14 | 5  | 38   | 6 | 48 | 45-55 | 55 | 68,7 |  |



Serie GX

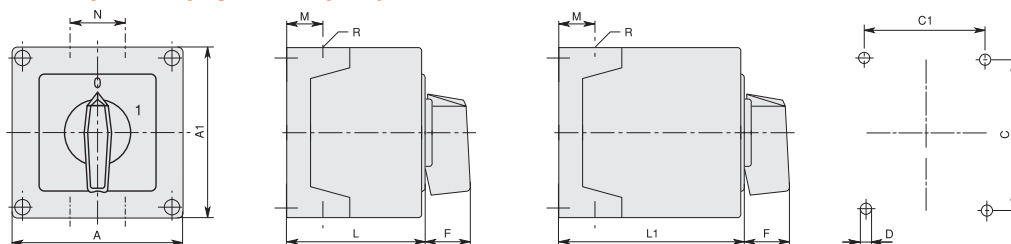
| Serie       | Medidas |    |    |      |    |    |   |       | L  |      |        |       |
|-------------|---------|----|----|------|----|----|---|-------|----|------|--------|-------|
|             | □A      | D1 | D2 | E    | F  | □K | G | S     | 1  | 2    | 3...12 |       |
| <b>GX16</b> | 48      | 12 | 5  | 34,2 | 52 | 36 | 5 | 45-55 | 40 | 48,5 | 57     | 133,5 |
| <b>GX20</b> | 48      | 12 | 5  | 34,2 | 52 | 36 | 5 | 45-55 | 40 | 48,5 | 57     | 133,5 |
| <b>GX32</b> | 65      | 14 | 5  | 38   | 68 | 48 | 6 | 45-55 | 51 | 63   | 75     | 183   |
| <b>GX40</b> | 65      | 14 | 5  | 38   | 68 | 48 | 6 | 45-55 | 51 | 63   | 75     | 183   |

## Versión para montaje en fondo armario con maneta amarillo/rojo enclavable en 0, función embrague y cubreterminales (098)

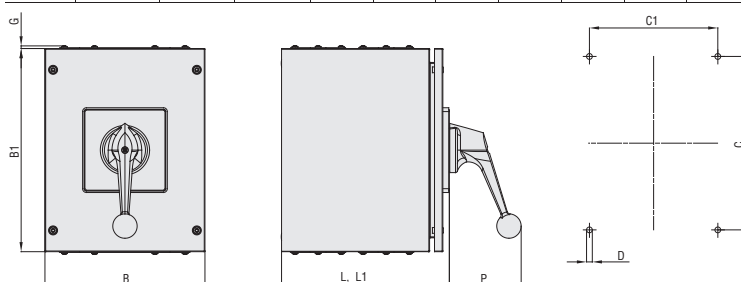


| Serie | Medidas |    |    |      |   |    |       |      | L    |        |       |  |
|-------|---------|----|----|------|---|----|-------|------|------|--------|-------|--|
|       | □A      | D1 | D2 | E    | G | □K | S     | 1    | 2    | 3...12 |       |  |
| 7GN12 | 65      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 41,1 | 50,8 | 60,5   | 147,8 |  |
| 7GN20 | 65      | 12 | 5  | 34,2 | 5 | 36 | 45-55 | 41,1 | 50,8 | 60,5   | 147,8 |  |
| 7GN25 | 65      | 14 | 5  | 38   | 6 | 48 | 45-55 | 51,5 | 66,6 | 81,7   | 217,6 |  |
| 7GN40 | 65      | 14 | 5  | 38   | 6 | 48 | 45-55 | 51,5 | 66,6 | 81,7   | 217,6 |  |
| 7GN63 | 65      | 14 | 6  | 38   | 6 | 68 | 45-55 | 57,3 | 75,4 | 93,5   | 256,4 |  |

## Versión con maneta negra en caja plástica (P) Versión con maneta negra en caja metálica (L) Versión con maneta amarillo/rojo en caja plástica (P25)

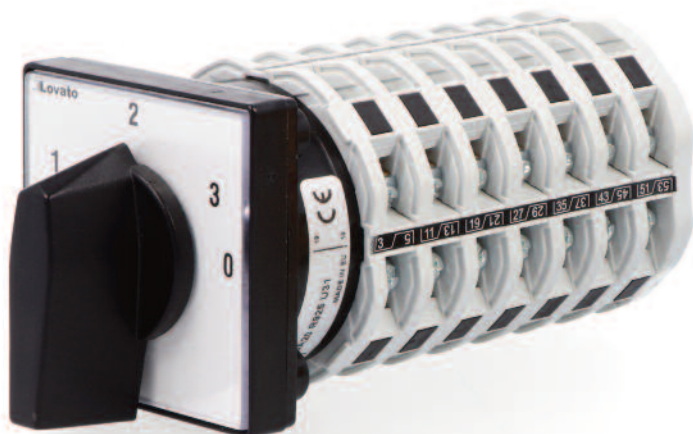


| Serie  | Medidas caja | Cantidad elementos |     | Medidas |     |      |     |     |    |    |      |      |       | Entrada cables   | Grado de protección |
|--------|--------------|--------------------|-----|---------|-----|------|-----|-----|----|----|------|------|-------|------------------|---------------------|
|        |              | L                  | L1  | A       | A1  | C    | C1  | D   | F  | M  | N    | L    | L1    |                  |                     |
| 7GN12  | 75x75        | 1-2                | 3-4 | 75      | 75  | 50   | 64  | 4,5 | 19 | 14 | 28   | 57,5 | 79,8  | 4xPG13,5         | IP65                |
| 7GN20  |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN25  |              | 1                  | 2-3 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN12  | 90x90        | 1-3                | 4-6 | 90      | 90  | 79   | 63  | 4,5 | 25 | 19 | 30   | 71,3 | 98,3  | 4xPG16           | IP65                |
| 7GN20  |              | 1-3                | 4-6 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN25  |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN32  |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN40  | 1            | 2-3                |     |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN12  | 110x110      | 1-4                | 5-8 | 110     | 110 | 98,4 | 83  | 4,5 | 32 | 21 | 39,5 | 85,5 | 119,5 | 4xPG21           | IP65                |
| 7GN20  |              | 1-4                | 5-8 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN25  |              | 1-3                | 4-5 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN32  |              | 1-3                | 4-5 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN40  |              | 1-2                | 3-5 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN63  | 1-2          | 3-4                |     |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN32  | 125x175      | 1-3                | 4-5 | 125     | 175 | 146  | 112 | 5,5 | 32 | 21 | 68   | 84,3 | 118,3 | 4xPG21<br>2xPG11 | IP65                |
| 7GN40  |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN63  |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN125 | 1            | 2                  |     |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN32  | 180x254      | 1-5                | 6-8 | 180     | 254 | 120  | 190 | 5,5 | 32 | 35 | 76   | 121  | 175   | 4xPG29<br>2xPG11 | IP65                |
| 7GN40  |              | 1-4                | 5-7 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN63  |              | 1-3                | 4-6 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| 7GN125 | 1-2          | 3-4                |     |         |     |      |     |     |    |    |      |      |       |                  |                     |
| GX16   | 90x90        | 1-2                | 3-5 | 90      | 90  | 79   | 79  | 4,5 | 25 | 19 | 30   | 71,3 | 98,3  | 4xPG16           | IP65                |
| GX20   |              | 1-2                | 3-5 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| GX16   | 110x110      | 1-3                | 4-7 | 110     | 110 | 98,4 | 83  | 4,5 | 32 | 21 | 39,5 | 85,5 | 119,5 | 4xPG21           | IP65                |
| GX20   |              | 1-3                | 4-7 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| GX32   |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |
| GX40   |              | 1-2                | 3-4 |         |     |      |     |     |    |    |      |      |       |                  |                     |



| Serie | Medidas caja | Cantidad elementos |     | Medidas |     |     |     |     |     |   |     |    |      | Grado de protección |
|-------|--------------|--------------------|-----|---------|-----|-----|-----|-----|-----|---|-----|----|------|---------------------|
|       |              | L                  | L1  | L       | L1  | B   | B1  | C   | C1  | D | G   | P  |      |                     |
| GN200 | 250x316      | 1-3                | 4-6 | 162     | 252 | 250 | 316 | 270 | 200 | 9 | 4,5 | 98 | IP54 |                     |
| GN315 |              | 1-3                | 4-6 | 162     | 252 | 250 | 316 | 270 | 200 | 9 | 4,5 | 98 |      |                     |

# INTERRUPTORES ROTATIVOS SERIE GNA20

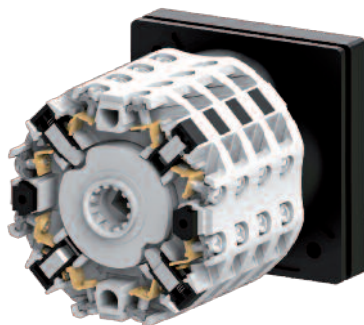


● CORRIENTE NOMINAL TÉRMICA ITH 20A

● VERSIONES EN CAJA PLÁSTICA

● 48 CONTACTOS DISPONIBLES

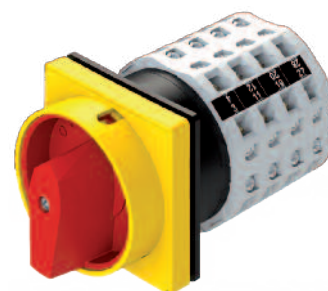
La serie de interruptores rotativos GNA20 dispone de 4 contactos por cada elemento. Pueden ofrecer hasta 12 posiciones de control con 12 elementos de conmutación, por un total de **48 contactos disponibles**.



Montaje frontal con maneta negra



Montaje frontal con maneta amarillo/rojo enclavable

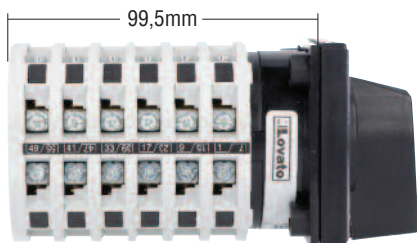


● PROFUNDIDAD REBAJADA

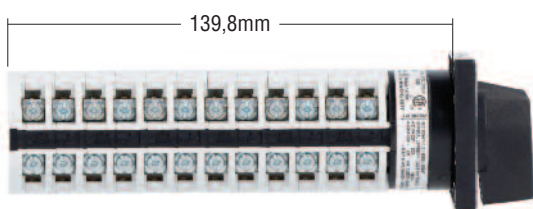
Los interruptores rotativos serie GNA20 se utilizan en aplicaciones con limitada profundidad de espacio disponible dentro del cuadro.

**Ejemplo comparativo entre las series GNA20 y 7GN:**

Serie GNA20: 6 elementos, 24 contactos.



Serie 7GN: 12 elementos, 24 contactos.

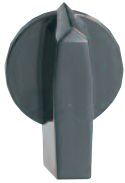


Montaje en fondo armario con maneta negra



Para determinar los códigos pertenecientes a la serie GNA20 contacte con nuestro servicio de atención a clientes (datos de contacto en la contraportada).

### Accesorios para interruptores rotativos



7A014 - 7AR114 -  
7A114 - 7AR214



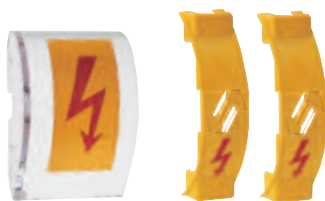
7AR124 - 7A124 -  
7AR224 - 7AR324



GXM0 - GXM1 - GXM2 - GXM3 - GXM4



GXM5 - GXM6 - GXM7



7A019... -  
7A119...

7A169...



7A180 - 7A181



7A44...

| Código de pedido   | Descripción   | Uds. de env. n° | Peso [kg] |
|--|---|-----------------|-----------|
| <b>Mando color negro</b> ①.  |   |                 |           |
| 7A014  | Para placa 48x48mm □6mm   | 1               | 0,005     |
| 7AR114   | Para placa 65x65mm □6mm   | 1               | 0,010     |
| 7A114  | Para placa 65x65mm □7mm   | 1               | 0,010     |
| 7AR214   | Para placa 90x90mm □7mm   | 1               | 0,013     |
| <b>Leva colore negro</b> ①.  |   |                 |           |
| 7AR124   | Para placa 65x65mm □6mm   | 1               | 0,019     |
| 7A124  | Para placa 65x65mm □7mm   | 1               | 0,020     |
| 7AR224   | Para placa 90x90mm □8mm   | 1               | 0,038     |
| 7AR324   | Para placa 132x132mm  | 1               | 0,050     |
| <b>Mando enclavable 0-1 amarillo/rojo.</b>   |   |                 |           |
| GXA01  | 48x48mm □6mm  | 1               | 0,030     |
| GXA01H   | 48x48mm □7mm  | 1               | 0,047     |
| GXA11  | 65x65mm □7mm  | 1               | 0,047     |
| <b>Placas frontales IP40.</b>  |   |                 |           |
| GXM0   | Placa frontal con etiqueta neutra 30x30mm   | 1               | 0,012     |
| GXM1   | Placa frontal con etiqueta neutra 48x48mm   | 1               | 0,018     |
| GXM2   | Placa frontal con etiqueta neutra 65x65mm   | 1               | 0,023     |
| GXM3   | Placa frontal con etiqueta neutra 90x90mm   | 1               | 0,030     |
| GXM4   | Placa frontal con etiqueta neutra 132x132mm   | 1               | 0,040     |
| <b>Placas frontales con inscripción IP40.</b>  |   |                 |           |
| GXM5   | Placa frontal con inscripción y etiqueta neutra 48x60mm                                   | 1               | 0,017     |
| GXM6   | Placa frontal con inscripción y etiqueta neutra 65x80mm                                   | 1               | 0,033     |
| GXM7   | Placa frontal con inscripción y etiqueta neutra 90x110mm                                  | 1               | 0,055     |
| <b>Protección IP20 terminales de alimentación. Para 2 elementos con tornillos y soporte.</b> |   |                 |           |
| 7A0191   | Para 7GN12-7GN20  | 1               | 0,017     |
| 7A0192   | Para 7GN25  | 1               | 0,021     |
| 7A119U   | Para 7GN32-7GN40 versión U  | 1               | 0,033     |
| 7A119O   | Para 7GN32-7GN40 versión O  | 1               | 0,101     |
| <b>Kit de 2 unidades, a presión, para 1 elemento.</b>  |   |                 |           |
| 7A1691   | Para 7GN32-7GN40  | 1               | 0,005     |
| 7A1692   | Para 7GN63  | 1               | 0,006     |
| 7A1693   | Para 7GN125   | 1               | 0,020     |
| 7A1694   | Para 7GN12-7GN20  | 1               | 0,005     |
| 7A1695   | Para 7GN25  | 1               | 0,005     |
| <b>Placa de fijación en guía DIN de 35mm, DIN 46277/3 para versiones U...</b>                |   |                 |           |
| 7A180  | Para 7GN12...7GN25 y GF20   | 1               | 0,011     |
| 7A181  | Para 7GN32...7GN63  | 1               | 0,018     |
| <b>Protección IP42 de goma</b> ②. A encastre.  |   |                 |           |
| 7A441  | Ø57mm - longitud 90mm para 7GN12-7GN20-7GN25 hasta 2 elementos                            | 1               | 0,045     |
| 7A442  | Ø57mm - longitud 115mm para 7GN12-7GN20-7GN25 de 3 a 4 elementos                          | 1               | 0,065     |
| 7A443  | Ø57mm - longitud 140mm para 7GN12-7GN20-7GN25 de 5 a 6 elementos                          | 1               | 0,063     |
| 7A444  | Ø87mm - longitud 112mm para 7GN32...7GN40 hasta 4 elementos, para 7GN63 hasta 3 elementos | 1               | 0,065     |

① Para la medida del eje, remitirse a la cota □N presente en las distintas versiones.

② Eleva de IP00 a IP20 el grado de protección de los contactos.

| TIPO   |                          | GF10       | GF20       | 7GN12 | 7GN20 | 7GN25 | 7GN32 | 7GN40 | 7GN63 | 7GN125 | GX16 | GX20 | GX32 | GX40 | GN200 | GN315            | GNA20             |    |      |     |
|--|--------------------------|------------|------------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------|-------|------------------|-------------------|----|------|-----|
| Tensión nominal de aislamiento<br>Ui IEC/EN<br>UL/CSA                                | V                        | 480        | 480        | 690   | 690   | 690   | 690   | 690   | 690   | 690    | 690  | 690  | 690  | 690  | 690   | 690              | 690               |    |      |     |
|  | V                        | 240        | 240        | 600   | 600   | 600   | 600   | 600   | 600   | 600    | 600  | 600  | 600  | 600  | 600   | 600              | 600               |    |      |     |
| Tensión nominal de retención impulso<br>Uimp IEC/EN 60947-3                          | kV                       | 4          | 4          | 6     | 6     | 6     | 6     | 6     | 6     | 6      | 6    | 6    | 6    | 6    | 8     | 8                | 6                 |    |      |     |
| Corriente térmica nominal<br>Ith IEC/EN<br>UL/CSA (general purpose)                  | A                        | 10         | 20         | 16    | 20    | 25    | 32    | 40    | 63    | 125    | 16   | 20   | 32   | 40   | 200   | 315              | 20                |    |      |     |
|  | A                        | 10         | 15         | 15    | 20    | 30    | 40    | 50    | 60    | 130    | 12   | 15   | 32   | 40   | 200   | 255              | 15                |    |      |     |
| Tensión nominal máxima de uso<br>(solo para interruptores)                           | V                        | 480        | 480        | 480   | 480   | 480   | 480   | 480   | 480   | 690    | 440  | 440  | 440  | 440  | 690   | 690              | 480               |    |      |     |
| Tensión nominal de retención impulso<br>(solo interruptores)                         | kV                       | 4          | 4          | 4     | 4     | 4     | 4     | 4     | 4     | 6      | 4    | 4    | 4    | 4    | 6     | 6                | 4                 |    |      |     |
| Máx. calibre fusibles para<br>protección cortocircuito<br>In (gG)                    | 10kA                     | A          | 16         | 20    | 16    | 20    | 25    | 32    | 40    | 63     | 125  | 16   | 20   | 35   | 40    | 200 <sup>②</sup> | 315 <sup>②</sup>  | 20 |      |     |
|  | 15kA                     | A          | -          | 20    | 10    | 16    | 25    | 32    | 40    | 63     | 100  | 16   | 20   | 35   | 35    | 200 <sup>②</sup> | 31 <sup>②</sup> 5 | 20 |      |     |
|  | 25kA                     | A          | -          | 20    | 10    | 16    | 25    | 32    | 40    | 63     | 100  | 16   | 20   | 35   | 35    | -                | -                 | 20 |      |     |
|  | 50kA                     | A          | -          | -     | -     | -     | -     | 32    | 40    | 63     | 100  | -    | -    | -    | -     | -                | -                 | -  |      |     |
|  | 63kA                     | A          | -          | -     | -     | -     | -     | -     | 40    | 63     | 100  | -    | -    | -    | -     | -                | -                 | -  |      |     |
| Corriente nominal de impulso<br>Icw 1sec   | A                        | 250        | 250        | 200   | 250   | 400   | 800   | 1000  | 1600  | 2100   | 250  | 250  | 1000 | 1000 | 3300  | 5200             | 220               |    |      |     |
| Conductibilidad  | mA/V                     | 10/5       | 10/5       | 10/5  | 10/5  | 10/5  | 10/5  | 10/5  | 10/5  | 10/5   | 10/5 | 10/5 | 10/5 | 10/5 | -     | -                | 10/5              |    |      |     |
| Corrientes nominales funcionamiento<br>le AC1/AC21A (IEC/EN)                         | A                        | 10         | 20         | 16    | 20    | 25    | 32    | 40    | 63    | 125    | 16   | 20   | 32   | 40   | 200   | 315              | 20                |    |      |     |
|  | AC15 (IEC/EN) 110...120V | A          | 5          | 10    | 10    | 10    | 16    | 25    | 25    | 32     | 40   | 10   | 10   | 25   | 25    | -                | -                 | -  |      |     |
|  | 220...230V               | A          | 3          | 8     | 8     | 8     | 12    | 20    | 22    | 25     | 28   | 8    | 8    | 20   | 22    | -                | -                 | -  |      |     |
|  | 380...400V               | A          | 2          | 6     | 4     | 6     | 8     | 10    | 12    | 15     | 15   | 4    | 6    | 10   | 12    | -                | -                 | -  |      |     |
|  | 660...690V               | A          | -          | -     | 1,5   | 1,5   | 2     | 2     | 2     | 4      | 5    | 1,5  | 1,5  | 2    | 2     | -                | -                 | -  |      |     |
| Interruptores para motores categorías<br>de uso en corriente alterna<br>AC3 (IEC/EN) | 3 fases                  | 220...230V | kW         | 1,5   | 3     | 2,5   | 3     | 5,5   | 7,5   | 8      | 11   | 18,5 | 3,5  | 3,7  | 7,5   | 7,5              | 27,5              | 37 | 3    |     |
|  |                          | 380...440V | kW         | 2,2   | 5     | 4     | 5,5   | 7,5   | 11    | 15     | 18,5 | 37   | 4,5  | 5,5  | 11    | 15               | 47                | 55 | 5,5  |     |
|  |                          | 500...690V | kW         | -     | -     | 5,5   | 5,5   | 7,5   | 11    | 15     | 18,5 | 33   | 5,5  | 5,5  | 11    | 15               | -                 | 69 | 5,5  |     |
|  | 1 fase (2 polos)         | 110...120V | kW         | 0,3   | 0,5   | 0,8   | 0,8   | 1,5   | 2,2   | 3      | 3,7  | 5    | 0,55 | 0,75 | 1,8   | 2,2              | -                 | 11 | 0,6  |     |
|  |                          | 220...230V | kW         | 0,55  | 1,5   | 1,5   | 2,2   | 3     | 4     | 6,5    | 6,5  | 11   | 1,5  | 1,8  | 3,5   | 4,4              | -                 | 22 | 2,2  |     |
|  |                          | 380...440V | kW         | 0,75  | 2     | 2,2   | 3     | 5,5   | 6,5   | 8      | 11,5 | 15   | 2,2  | 3    | 5,5   | 7                | -                 | 30 | 3    |     |
|  | AC23A (IEC/EN)<br>①      | 3 fases    | 220...230V | kW    | 1,8   | 4     | 3     | 5     | 6,5   | 8      | 8    | 12,5 | 30   | 3,7  | 4     | 8                | 9                 | -  | 75   | 3,7 |
|  |                          |            | 380...440V | kW    | 3     | 7,5   | 5,5   | 7,5   | 11    | 15     | 18,5 | 30   | 45   | 6,5  | 7,5   | 15               | 18,5              | 47 | 110  | 7,5 |
|  |                          |            | 500...690V | kW    | -     | -     | 7,5   | 7,5   | 11    | 18,5   | 22   | 30   | 37   | 7,5  | 7,5   | 15               | 15                | -  | 45   | 7,5 |
| 1 fase (2 polos)   |                          | 110...120V | kW         | 0,7   | 0,75  | 0,8   | 0,8   | 1,5   | 2,2   | 3      | 3,7  | 5    | 0,75 | 0,75 | 2,2   | 3                | -                 | 15 | 0,75 |     |
|  |                          | 220...230V | kW         | 0,75  | 2     | 1,7   | 2,5   | 3,7   | 4     | 6      | 7,5  | 11   | 1,8  | 2,2  | 3,5   | 5,2              | -                 | 37 | 2,2  |     |
|  |                          | 380...440V | kW         | 1,1   | 2,5   | 3     | 3,7   | 5,5   | 7,5   | 11     | 12,5 | 15   | 3    | 3,5  | 6     | 7,5              | -                 | 55 | 3,7  |     |

① Para GN200 y GN315 la categoría de uso es AC23B.

② Fusible tipo aR.

# 11 Interruptores rotativos

## Características técnicas

| TIPO  |          | GF10              | GF20              | 7GN12             | 7GN20             | 7GN25             | 7GN32             | 7GN40             | 7GN63             | 7GN125            | GX16              | GX20              | GX32              | GX40              | GN200             | GN315             | GNA20               |         |
|---|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------|
| Interruptores para motores  |          |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                     |         |
| Mando directo   | 120V     | HP                | –                 | –                 | 1,5               | 1,5               | 3                 | 5                 | 5                 | 7,5               | 15                | 1,5               | 1,5               | 3                 | 5                 | 30                | 30                  | 1,5     |
| (UL/CSA-DOL)  | 240V     | HP                | 2                 | 3                 | 3                 | 3                 | 5                 | 10                | 10                | 15                | 25                | 3                 | 3                 | 7,5               | 10                | 50                | 50                  | 2       |
| 3 fases   | 480V     | HP                | –                 | –                 | –                 | 7,5               | 10                | 15                | 20                | 25                | 50                | 5                 | 5                 | 15                | 15                | 100               | 100                 | 5       |
|   | 600V     | HP                | –                 | –                 | –                 | 10                | 15                | 15                | 20                | 25                | 40                | 5                 | 5                 | 15                | 15                | 75                | 75                  | 5       |
| 1 fase (2 polos)  | 120V     | HP                | –                 | –                 | 0,5               | 0,75              | 1,5               | 2                 | 2                 | 3                 | 5                 | 0,75              | 0,75              | 1,5               | 2                 | 15                | 15                  | –       |
|   | 240V     | HP                | 0,75              | 1                 | 1                 | 2                 | 3                 | 5                 | 5                 | 10                | 15                | 1                 | 1,5               | 3                 | 5                 | 30                | 30                  | –       |
| Interruptores para motores categoría de uso en corriente continua |          |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                     |         |
| DC21A   | 48V      | A                 | 10                | 20                | 12                | 20                | 25                | 32                | 40                | 63                | 125               | 16                | 20                | 32                | 40                | 200               | 200                 | –       |
|   | 60V      | A                 | 7                 | 20                | 12                | 20                | 25                | 32                | 40                | 50                | 80                | 16                | 20                | 32                | 40                | 200               | 200                 | –       |
| le  | 110V     | A                 | 2                 | 4                 | 4                 | 4                 | 4                 | 6                 | 6                 | 8                 | 10                | 4                 | 4                 | 5                 | 6                 | 35                | 35                  | –       |
|   | 220V     | A                 | 0,7               | 0,7               | 0,6               | 0,6               | 0,7               | 0,9               | 0,9               | 1                 | 1,2               | 0,6               | 0,6               | 0,8               | 0,8               | 2,5               | 2,5                 | –       |
|   | 440V     | A                 | 0,2               | 0,2               | 0,25              | 0,25              | –                 | –                 | –                 | –                 | –                 | 0,25              | 0,25              | 0,25              | 0,25              | 0,9               | 0,9                 | –       |
| DC23A   | 24V      | A                 | –                 | –                 | 10(1)             | 20(1)             | 25(1)             | 32(1)             | 40(1)             | 50(1)             | 125(1)            | 16(1)             | 20(1)             | 32(1)             | 40(1)             | –                 | –                   | –       |
|   | 48V      | A                 | –                 | –                 | 10(2)             | 20(2)             | 25(2)             | 32(2)             | 40(2)             | 50(2)             | 125(2)            | 16(2)             | 20(2)             | 32(2)             | 40(1)             | –                 | –                   | –       |
| le  | 60V      | A                 | –                 | –                 | 10(3)             | 20(3)             | 25(3)             | 32(3)             | 40(3)             | 50(3)             | 125(3)            | 16(3)             | 20(3)             | 32(3)             | 40(3)             | –                 | –                   | –       |
| Conectar en serie el n° de contactos indicados entre paréntesis   | 110V     | A                 | –                 | –                 | 5(3)              | 10(3)             | 12(3)             | 15(3)             | 20(3)             | 25(3)             | 50(3)             | 10(3)             | 10(3)             | 15(3)             | 40(3)             | –                 | –                   | –       |
|   |          | A                 | –                 | –                 | 5(4)              | 8(4)              | 10(4)             | 12(4)             | 12(4)             | 15(4)             | 20(4)             | 7(4)              | 8(4)              | 12(4)             | 12(4)             | –                 | –                   | –       |
| 220V  |          | A                 | 3                 | 6                 | 12                | 20                | 25                | 32                | 40                | 63                | 125               | 16                | 20                | 32                | 40                | –                 | –                   | –       |
| DC13  | 24V      | A                 | 3                 | 6                 | 10                | 16                | 20                | 25                | 32                | 40                | 100               | 14                | 16                | 25                | 32                | –                 | –                   | –       |
|   | 48V      | A                 | 2                 | 3                 | 8                 | 12                | 16                | 16                | 16                | 28                | 50                | 10                | 12                | 14                | 16                | –                 | –                   | –       |
|   | 60V      | A                 | 1                 | 1                 | 1                 | 1                 | 1,5               | 3                 | 3                 | 3,3               | 4                 | 1                 | 1                 | 3                 | 3                 | –                 | –                   | –       |
| le  | 110V     | A                 | 0,3               | 0,4               | 0,4               | 0,4               | 0,4               | 0,5               | –                 | –                 | –                 | 0,4               | 0,4               | 0,5               | 0,5               | –                 | –                   | –       |
|   | 220V     | A                 | 0,1               | 0,15              | 0,15              | 0,15              | –                 | –                 | –                 | –                 | –                 | 0,15              | 0,15              | 0,15              | 0,15              | –                 | –                   | –       |
|   | 440V     | w/polo            | 0,4               | 0,8               | 0,8               | 0,8               | 1,1               | 1,5               | 2,0               | 3,4               | 6,3               | 0,6               | 0,6               | 1,6               | 1,6               | 26                | 64,5                | 1       |
| Potencia disipada   | cicli    | 1x10 <sup>6</sup> | 1x10 <sup>6</sup> | 3x10 <sup>6</sup> | 5x10 <sup>6</sup> | 5x10 <sup>6</sup> | 5x10 <sup>6</sup> | 5x10 <sup>6</sup> | 5x10 <sup>6</sup> | 1x10 <sup>6</sup> | 1x10 <sup>6</sup> | 1x10 <sup>6</sup> | 1x10 <sup>6</sup> | 1x10 <sup>6</sup> | 2x10 <sup>5</sup> | 2x10 <sup>5</sup> | 1x10 <sup>6</sup>   |         |
| Vida mecánica   | M        | 2,5               | 3                 | 3                 | 3                 | 3,5               | 4                 | 4                 | 5                 | 2x5               | 3                 | 3                 | 4                 | 4                 | 10                | 10                | 3                   |         |
| Tornillo del terminal   | Nm       | 0,4               | 0,5               | 0,5               | 0,5               | 0,8               | 1,2               | 1,2               | 2                 | 2                 | 0,5               | 0,8               | 1,2               | 1,2               | 10                | 10                | 0,5                 |         |
| Par de apriete  | máx      | 2xmm <sup>2</sup> | 1,5/1,5           | 2,5/2,5           | 2,5/2,5           | 2,5/2,5           | 4/4               | 6/4               | 10/6              | 16/10             | 50/50             | 2,5/2,5           | 2,5/2,5           | 10/6              | 10/6              | 1x95              | 1x185               | 2,5/25  |
| Sección conductor   | máx. r/f | 2xAWG             | 14/14             | 12/12             | 12/14             | 12/14             | 10/12             | 8/10              | 8/10              | 6/8               | 1/0/1/0           | 12/12             | 12/12             | 8/10              | 8/10              | 1x3/0             | 1xmm <sup>350</sup> | 12/14   |
| r: rígido   | mín. r/f | 2xmm <sup>2</sup> | 0,5/0,5           | 0,5/0,5           | 0,5/0,5           | 0,5/0,5           | 0,5/0,5           | 1,5/1,5           | 1,5/1,5           | 2,5/2,5           | 2,5/2,5           | 0,5/0,5           | 0,5/0,5           | 1,5/1,5           | 1,5/1,5           | –                 | –                   | 0,5/0,5 |
| f: flexible   |          | 2xAWG             | 20/20             | 20/20             | 20/20             | 20/20             | 20/20             | 16/16             | 16/16             | 14/14             | 14/14             | 20/20             | 20/20             | 16/16             | 16/16             | –                 | –                   | 20/20   |
| CONDICIONES AMBIENTALES   |          |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                     |         |
| Temperatura de empleo   | °C       | –25...+55         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                     |         |
| Temperatura de almacenamiento                                     | °C       | –40...+70         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                     |         |