

POWERPOLES AND POWERPOSTS

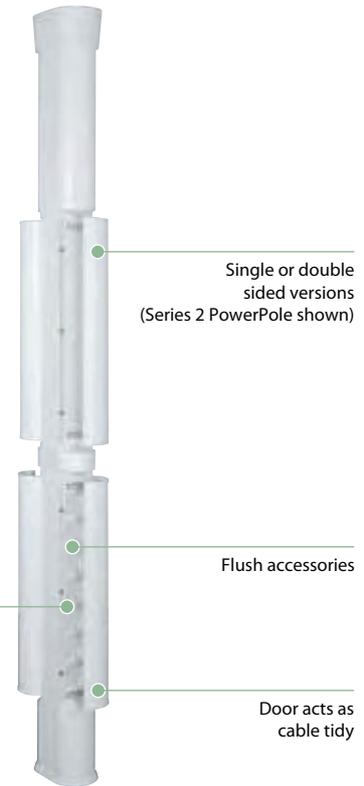
PowerPoles and PowerPosts are a practical and elegant solution for the management of power, data and communication services to island workstations.



PowerPoles are a practical and elegant solution for the management of power, data and communication services to island work stations.

Product information

- Aluminium body for strength and rigidity
- PowerPoles are suitable for suspended and solid ceiling applications
- Cabling to PowerPoles can be fed from the ceiling, from the floor or both
- Single and double sided options
- Doors available with Series 2
- Series 2 PowerPoles provide option of key operated locks fitted to hinged covers
- Standard 3.6m pole includes ceiling fixing bracket
- 1m fixing bracket available for installations above 3.6m
- Pole extension kit available to extend up to 5m
- Can be subdivided and screened between services
- Flush accessories
- Can be supplied pre-wired



Series 1 PowerPoles are supplied with 6 accessory boxes

Single-sided Series 2 PowerPoles are supplied with 7 accessory boxes and pre-installed dividing fillets

Double-sided Series 2 PowerPoles are supplied with 14 accessory boxes and pre-installed dividing fillets

Standard finish Series 1	
ANWH	WHWH
ANWH: • Anodised body • White fittings	WHWH: • White body • White fittings

Standard finish Series 2	
ANWH	WHWH
ANWH: • Anodised body • Anodised doors • White fittings	WHWH: • White body • White doors • White fittings

POWERPOLES AND POWERPOSTS

PowerPoles Series 1



PowerPole – Series 1 Square Single-sided

code	pack
PPS36001ANWH with 250mm adjustable slide	1
PPS36002ANWH with 1150mm adjustable slide	1
PPS36001WHWH with 250mm adjustable slide	1
PPS36002WHWH with 1150mm adjustable slide	1

Note: Series 1 single-sided PowerPoles come complete with 6 accessory boxes

Material: Aluminium body with PVC-U covers

Finish: White powder coat or natural anodised finish



Dividing fillet Single sided

code	pack
ELDF200	8 x 3m

For Series 1 single sided pole



PowerPole – Series 1 Square Double-sided

code	pack
PP36001ANWH with 250mm adjustable slide	1
PP36002ANWH with 1150mm adjustable slide	1
PP36001WHWH with 250mm adjustable slide	1
PP36002WHWH with 1150mm adjustable slide	1

Note: Series 1 double-sided PowerPoles come complete with 6 accessory boxes

Material: Aluminium body with PVC-U covers

Finish: White powder coat or natural anodised finish



Dividing fillet Double sided

code	pack
EDF1	8 x 3m

For Series 1 double sided pole

Fixing system

An adjustable slide fixing system to the ceiling is included with the PowerPole. Please order 250mm or 1150mm as required (see left).



Extension Kit Double-sided(1400mm) For Series 1 PowerPoles

code	pack
PP1400EAN Anodised	1
PP1400EWH White	1



PowerPoles Series 2



PowerPole – Series 2 circular single-sided

code	pack
NPPC3600721ANWH	1
NPPC3600721WHWH	1

Height: Maximum height of Series 2 PowerPoles is 3686mm. For additional heights within ceiling voids, a 1m adjusting slide is available (PHAS2)

Note: Series 2 single-sided PowerPoles come complete with 7 accessory boxes and a further 7 boxes can be accommodated

Material: Aluminium body and doors

Finish: White powder coat or natural anodised finish

Dividing fillets: dividing fillets are pre-installed in Series 2 PowerPoles



PowerPole – Series 2 elliptical double-sided

code	pack
NPPE36001441ANWH	1
NPPE36001441WHWH	1

Height: Maximum height of Series 2 PowerPoles is 3686mm. For additional heights within ceiling voids, a 1m adjusting slide is available (PHAS2)

Note: Series 2 double-sided PowerPoles come complete with 14 accessory boxes and a further 14 boxes can be accommodated

Material: Aluminium body and doors

Finish: White powder coat or natural anodised finish

Dividing fillets: dividing fillets are pre-installed in Series 2 PowerPoles

*Single-sided extension kit for Series 2 circular PowerPoles

code	pack
NPPE1400EAN	1

*Extends pole up to 5m

*Double-sided Extension Kit For Series 2 elliptical PowerPoles

code	pack
NPPE1400EAN	1

*Extends pole up to 5m

Components



Door locking assembly Series 2

code	pack
NPPLA1ANWH	1
NPPLA1WHWH	1

Note: please contact Technical Team for details



Cover Series 1 and 2

code	PowerPole	pack
PL1WH	8 x 3m	1



Accessory box spacer Series 1 and 2

code	pack
ES1WH	4

For use between accessory boxes

Boxes (Series 1 and 2)



*RCD/MCB housing Series 2

code	pack
EAHC1MWH	1

*Up to 4 modules can be housed.

Note: RCD not supplied by Marshall-Tufflex



1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20



1 gang adjustable box

code	depth	pack
EAB1WH	32 – 40mm	10

EAB1 is fully adjustable to 47mm. Please see page 311 for more details.



Wired 13Amp 1 gang vertical mount switched socket

code	depth	pack
ESS11WH	30mm	1



Vertical mounted flush data module 2 x RJ45

code	size	pack
EM526WH	37 x 22mm	1

Screened boxes

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits. BS7671:2008. For data/voice use only.



1 gang screened accessory box

code	depth	pack
ESSB1SWH*	30mm	20

1 gang screened adjustable box

code	depth	pack
EAB1SWH*	32 – 40mm	1

*Supplied complete with earth terminal

EAB1S is fully adjustable to 47mm. Please see page 311 for more details.

PowerPosts are a practical and elegant solution for the management of power, data and communication services to island work stations.

Product information

- PowerPosts are suitable for all floor applications
- Single and double sided options
- Doors available with Series 2
- Series 2 provides option of key operated locks fitted to hinged covers
- Series 1 Designed to fit below standard desk height
- Flush accessories
- Can be supplied pre-wired

Standard finish Series 1	
ANWH	WHWH
ANWH: • Anodised body • White fittings	WHWH: • White body • White fittings

Standard finish Series 2	
ANWH	WHWH
ANWH: • Anodised body • Anodised doors • White fittings	WHWH: • White body • White doors • White fittings

Single-sided Series 2 PowerPosts are supplied with 7 accessory boxes and a pre-installed dividing fillet

Double-sided Series 2 PowerPosts are supplied with 14 accessory boxes and a pre-installed dividing fillet



PowerPosts Series 1



PowerPost – Series 1 Square Double-sided

code	pack
PP685ANWH	1
PP685WHWH	1

Height: Overall height of Series 1 PowerPoles including cap and foot is 692mm

Note: Series 1 double-sided PowerPoles come complete with 6 accessory boxes

Material: Aluminium body with PVC-U covers

Finish: White powder coat or natural anodised finish

Components



Dividing fillet Double sided

code	pack
EDF1	8 x 3m

Specialised PowerPost Solutions

Our Technical Team will work with architects, design teams and contractors to create pre-fabricated solutions designed to save time on site.

PowerPosts can be adapted to be ceiling-mounted or horizontally mounted. See pages 43 and 45 for further details or contact our Technical Team on +44 (0)1424 856688 to discuss your project or request a quotation.



PowerPosts Series 2



**PowerPost – Series 2
Circular Single-sided**

code	pack
NPPC80671ANWH	1
NPPC80671WHWH	1

Height: Overall height of Series 2 PowerPosts including cap and foot is 838mm

Note: Series 1 single-sided PowerPosts come complete with 7 accessory boxes

Material: Aluminium body and doors

Finish: White powder coat or natural anodised finish

Dividing fillets: dividing fillets are pre-installed in Series 2 PowerPosts



**PowerPost – Series 2
Elliptical Double-sided**

code	pack
NPPE811142ANWH	1
NPPE811142WHWH	1

Height: Overall height of Series 2 PowerPosts including cap and foot is 838mm

Note: Series 2 double-sided PowerPosts come complete with 14 accessory boxes

Material: Aluminium body and doors

Finish: White powder coat or natural anodised finish

Dividing fillets: dividing fillets are pre-installed in Series 2 PowerPosts

Components



**Door locking assembly
Series 2**

code	pack
NPPLA1ANWH	1
NPPLA1WHWH	1

Note: please contact Technical Team for details



**Cover
Series 1 and 2**

code	pack
PL2WH PowerPost 1 x 685mm	



**Accessory box spacer
Series 1 and 2**

code	pack
ES1WH	4

For use between accessory boxes

Boxes (Series 1 and 2)



***RCD/MCB housing**

code	depth	pack
EAHC1MWH		1

*Up to 4 modules can be housed

Note: RCD not supplied by Marshall-Tufflex



1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20



1 gang adjustable box

code	depth	pack
EAB1WH	32 – 40mm	10

EAB1 is fully adjustable to 47mm. Please see page 311 for more information.



Wired 13Amp 1 gang vertical mount switched socket

code	depth	pack
ESS11WH	30mm	1



Vertical mounted flush data module 2 x RJ45

code	size	pack
EM526WH	37 x 22mm	1

Screened boxes

Screening

Conductive spray (CS) is unique to Marshall-Tufflex and is applied in the factory to provide screening from electromagnetic interference to data and communications cabling within trunking systems. The coating is applied to a range of data boxes, covers, clip-on components and fabricated fittings.

WARNING: A CS coating is not suitable for low voltage circuits.
BS7671:2008. For data/voice use only.



1 gang screened accessory box

code	depth	pack
ESSB1SWH*	30mm	20

1 gang screened adjustable box

code	depth	pack
EAB1SWH*	32 – 40mm	1

*Supplied complete with earth terminal
EAB1S is fully adjustable to 47mm. Please see page 311 for more information.

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Technical Information

Technical support



Our experienced Technical Team can advise on a wide range of solutions and technical issues, product standards, data cabling control and Parts L and M compliancy.

The team are heavily involved with the design and manufacture of the Marshall-Tufflex product ranges which enables us to deliver high quality innovative products to the market.

We pride ourselves on providing and supplying our customers with specialist solutions to suit a variety of needs. Our Technical Team are able to help and support the design and manufacture of these custom products where possible.

The team's expertise enables them to provide quotations from as little as a floor plan drawing to create a detailed quotation of our specialist solutions. We aim to complete all standard quotes within 1 working day, although more complex quotations such as 'take offs' can take longer.

Contact our Technical Services team on +44 (0)1424 856688 or email technical@marshall-tufflex.com

Award winning customer service

Our Customer Service Team are on hand to advise on stock availability, lead times and delivery schedules.

In 2016 Marshall-Tufflex were proud to be shortlisted in the Best Customer Service and Best Overall Supplier categories at the prestigious Electrical Wholesaler Awards.



Contact our Customer Services team on +44 (0)1424 856600 or email sales@marshall-tufflex.com

Same day collection*



Our popular same day collection service gives our customers an unrivalled two-hour turnaround on product orders, allowing collection from our dedicated points in Manchester and London. Orders can also be collected next day from our Hastings depot.

Manchester: Europa Trading Estate, Stoneclough Road, Radcliffe, Manchester M26 1GG
London: 101c Blackhorse Lane, London E17 6DJ

- Orders can be collected two hours after order placement from Manchester and London.
- Orders placed by 3.30pm will be available for collection until 5.30pm.
- Orders received by 5pm will be ready for collection from 7am the following day.

Hastings: 55-65 Castleham Road, St Leonards-on-Sea TN38 9NU

- Orders placed by 12.30pm can be collected next day from our Hastings depot.

* Subject to stock availability



To arrange a collection, contact our Customer Services team on +44 (0)1424 856600 or email sales@marshall-tufflex.com

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Series 2 PowerPole

Double sided PowerPole

with 4 hinged lids and 14 ESSB1WH outlets (NPPE36001441)

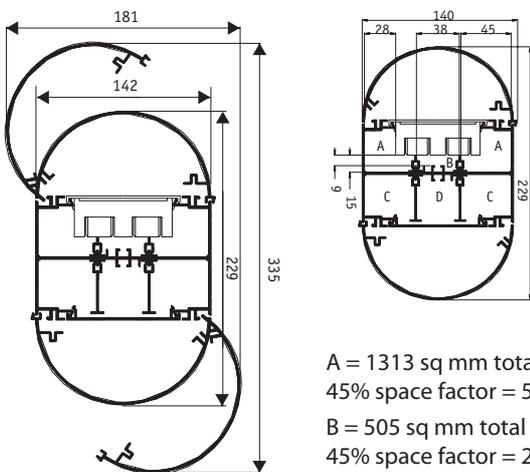
Code	Description	Quantity
FF	NPPMB3600 Square PowerPole base 3600mm long	1
A	NPPHLA/W# Hinged lid assembly	4
P	NPPCL1720 Clip on lid 1720mm long	2
Q	NPPCL50 Clip on lid 50mm long	2
R	NPPCL200 Clip on lid 200mm long	2
J	NPPUT Hinged lid upper trim	4
K	NPPLT Hinged lid lower trim	4
GG	NPPTC3 Oval top sliding cover	1
HH	NPPBF5 Oval base foot	1
B	NPPBH1 Bulkhead	8
II	PPBF3 Base foot (galvanised)2	
E	NPPCC1 Cable clip	8
C	ESSB1 Single gang box	14
D	ES1 Spacing cover	12
F	NPPH1 Stainless steel hinges	8
I	PPSN1 Sliding nut	3
H	NPPLH1 Disc latch	12
M	NPPMC1 Magnet catch	12
G	NPPLBS1 Hinged lid bonding strap	4
	LBS2 Clip on lid bonding strap	6
L	PPBT1 16mm bonding terminal assembly	1
S	*PHAS1 Top adjusting slide 250mm long	1
T	NPPFB2 Top fixing bracket	1
W	MDFS100W1630 100mm dividing fillet 1630mm long	4
Y	MDFS50W710 50mm dividing fillet 710mm long	4
Z	MDFS50W200 50mm dividing fillet 200mm long	4
AA	MDFS15W632 15mm dividing fillet 632mm long	4
JJ	MDFS50W175 50mm dividing fillet 175mm long	4
V	ETL1W633 Sterling lid 633mm long	2

#Please use A or W to denote anodised or white

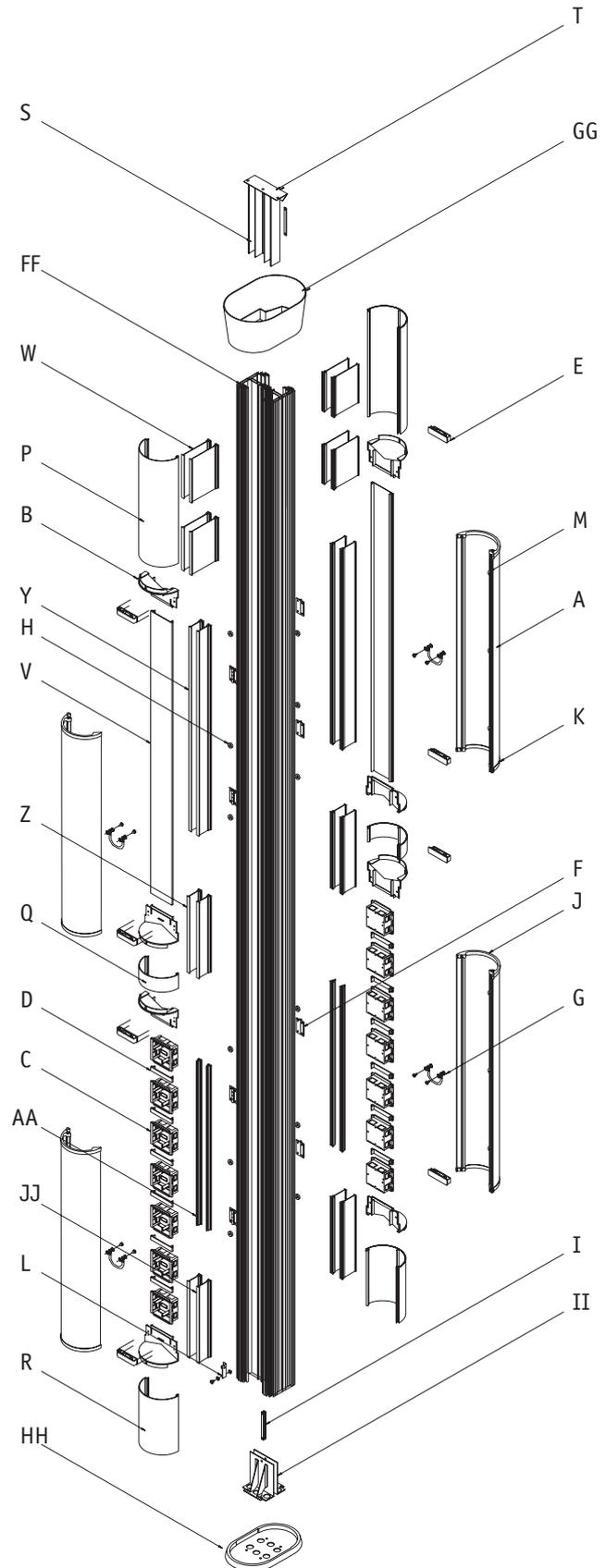
Note: The Sterling PowerPole is suitable for both solid and suspended ceilings up to 3.6 metres high. An alternative adjusting slide which can be extended to one metre is available for additional heights within the ceiling void (*PHAS2).

Full installation instructions are included within each pack.

Dimensions and cable capacities



- A = 1313 sq mm total area
45% space factor = 591 sq mm.
- B = 505 sq mm total area
45% space factor = 227 sq mm.
- C = 1798 sq mm total area
45% space factor = 809 sq mm.
- D = 1628 sq mm total area
45% space factor = 733 sq mm.



TECHNICAL INFORMATION

Series 2 PowerPole – continued

Single sided PowerPole

with 2 hinged lids and 7 ESSB1 outlets (NPPC3600721)

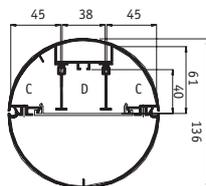
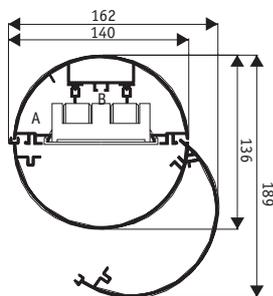
Code	Description	Quantity
BB	NPPB3600 Semi-circular PowerPole base 3600mm	1
A	NPPHLA/W# Hinged lid assembly	2
P	NPPCL1730 Clip on lid 1730mm long	1
Q	NPPCL50 Clip on lid 50mm long	1
R	NPPCL200 Clip on lid 200mm long	1
J	NPPUT Hinged lid upper trim	2
K	NPPLT Hinged lid lower trim	2
O	NPPTC2 Top sliding cover	1
N	NPPBF4 Circular base foot	1
B	NPPBH1 Bulkhead	4
U	PPBF6 Base foot (galvanised)	1
E	NPPCC1 Cable clip	4
C	ESSB1 Single gang box	7
D	ES1 Spacing cover	6
F	NPPH1 Stainless steel hinges	4
I	PPSN1 Sliding nut	2
H	NPPLH1 Disc latch	5
M	NPPMC1 Magnet catch	6
G	NPPLBS1 Hinged lid bonding strap	2
LBS2	Clip on lid bonding strap	3
L	PPBT1 16mm bonding terminal assembly	1
S	*PHAS1 Top adjusting slide 250mm long	1
T	NPPFB2 Top fixing bracket	1
AA	MDFS15W632 15mm dividing fillet 632mm long	2
Z	MDFS50W200 50mm dividing fillet 200mm long	2
Y	MDFS50W710 50mm dividing fillet 710mm long	2
X	MDFS50W145 50mm dividing fillet 145mm long	2
W	MDFS100W1630 100mm dividing fillet 1630mm long	2
V	ETL1W633 Sterling lid 633mm long	1

#Please use A or W to denote anodised or white

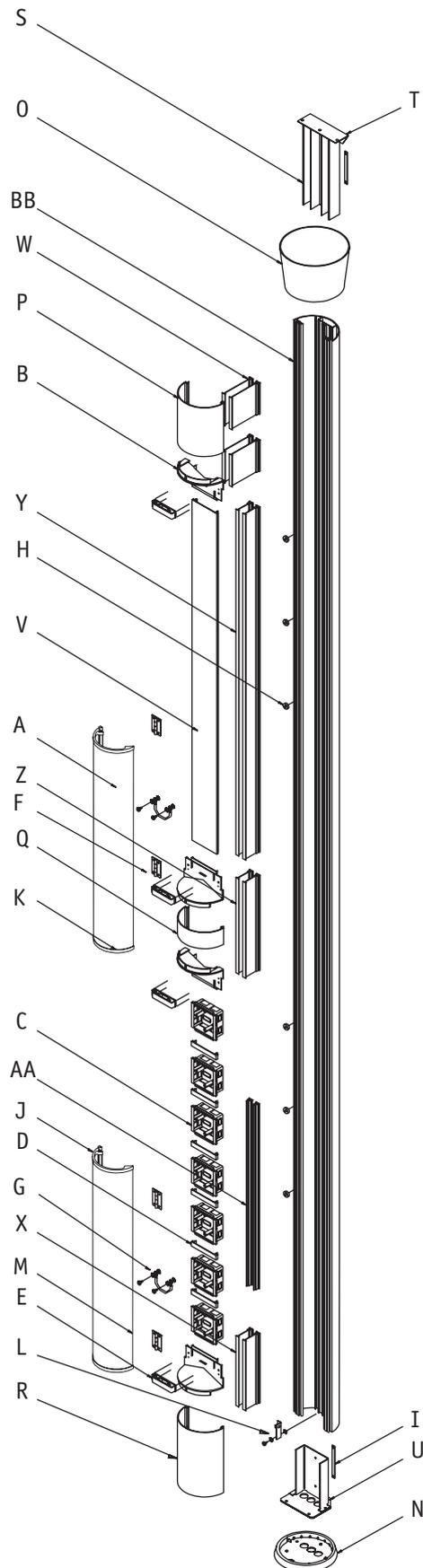
Note: The Sterling PowerPole is suitable for both solid and suspended ceilings up to 3.6 metres high. An alternative adjusting slide which can be extended to one metre is available for additional heights within the ceiling void (*PHAS2).

Full installation instructions are included within each pack.

Dimensions and cable capacities



- A = 1238 sq mm total area
45% space factor = 557 sq mm.
- B = 505 sq mm total area
45% space factor = 227 sq mm.
- C = 1798 sq mm total area
45% space factor = 809 sq mm.
- D = 1628 sq mm total area
45% space factor = 733 sq mm.



TECHNICAL INFORMATION

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Product Information

Double sided PowerPole

Code	Description	Quantity
PP36001	250mm adj. slide incl	1 pack
PP36002	1150mm adj. slide incl	1 pack
A	PPFB2 Fixing Bracket	1
B	PHAS1/2 *Adjusting Slide	1
C	PPSN1 Sliding Nut	3
D	PPTC1 Top Cover (white only)	1
E	PL1 Lid 3600mm	2
F	PPMB1 Pole 3600mm	1
G	ESSB1 Single Gang Box	6
I	PPBF3 Base Foot (Metal)	1 pair
J	PPBF1 Base Foot (white only)	1
K	ES1 Spacing Cover	5
L	PPBT1 16mm Bonding Terminal Ass.	1
PPF1	Fixing Kit	1

*The Sterling PowerPole is suitable for both solid and suspended ceilings up to 3.6 metres high. An alternative adjusting slide which can be extended to one metre is available for additional heights within the ceiling void.

1400mm Extension Pole body kits available to increase Pole height to 5.0m.

Full installation instructions are included within each pack.

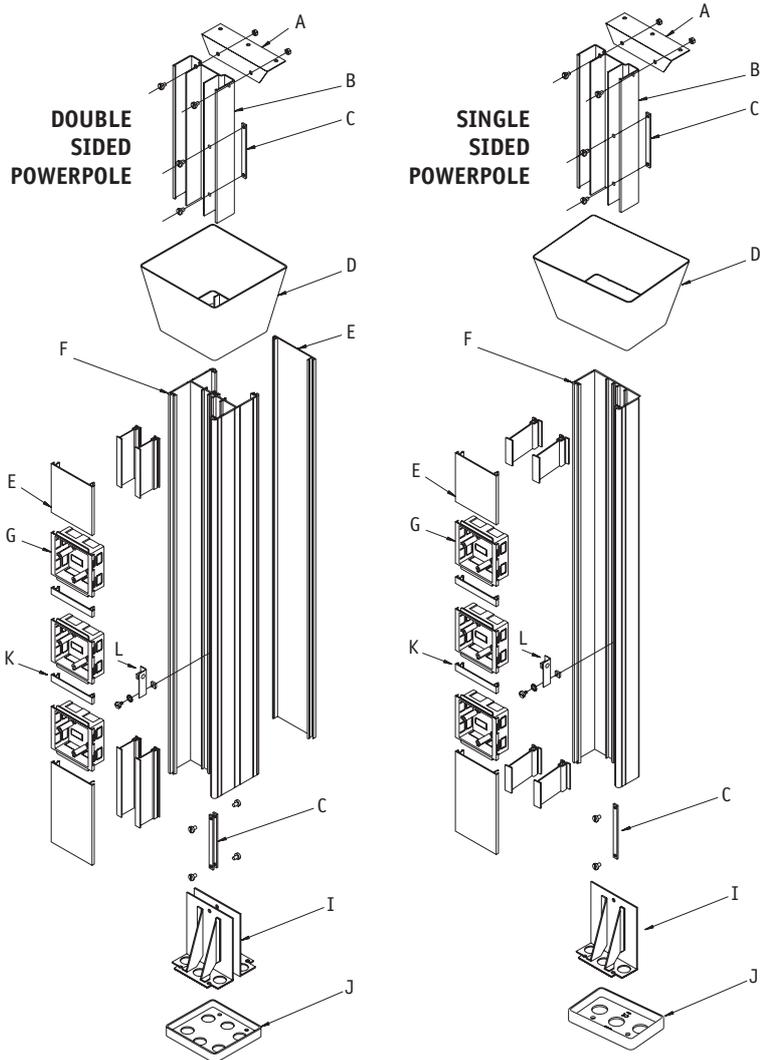
Single sided PowerPole

Code	Description	Quantity
PPS36001	250mm adj. slide	1 pack
PPS36002	1150mm adj. slide	1 pack
A	PPFB2 Fixing Bracket	1
B	PHAS1/2 *Adjusting Slide	1
C	PPSN1 Sliding Nut	3
D	PPTC2 Top Cover (white only)	1
E	PL1 Lid 3600mm	1
F	PPSS1 Single Sided Pole 3600mm	1
G	ESSB1 Single Gang Box	6
I	PPBF3 Base Foot (Metal)	1
J	PPBF4 Base Foot (white only)	1
K	ES1 Spacing Cover	5
L	PPBT1 16mm Bonding Terminal Ass.	1
PPF1	Fixing Kit	1

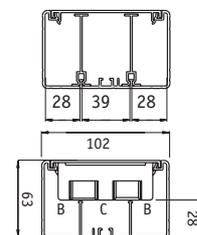
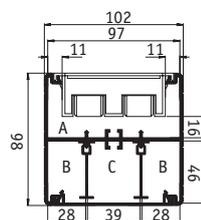
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1400mm Extension Pole body kits available to increase Pole height to 5.0m.

Full installation instructions are included within each pack.



Dimensions and cable capacities



Double sided PowerPole

A = 2017 sq mm total area 45% space factor = 907 sq mm.

Without Accessory Box

A = 4284 sq mm total area 45% space factor = 1927 sq mm.

B = 1148 sq mm total area 45% space factor = 516 sq mm.

C = 1547 sq mm total area 45% space factor = 696 sq mm.

Single sided PowerPole

B = 1115 sq mm total area 45% space factor = 502 sq mm.

C = 1119 sq mm total area 45% space factor = 504 sq mm.

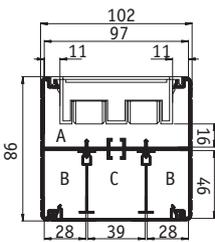
Double sided PowerPost

Code	Description	Quantity
PP685		1 pack
A	PPC1 Cap	1
B	PL2 Lid	2
C	PPMB2 Post	1
D	ESSB1 Single Gang Box	6
E	PPSN1 Sliding Nut	2
F	PPBF3 Base Foot (Metal)	1 pair
G	PPBF1 Base Foot (white only)	1
H	ES1 Spacing Cover	5
L	PPBT1 16mm Bonding Terminal Ass.	1
	PPF2 Fixing Kit	1

The standard height of the PowerPost is 685mm and the overall height, including cap and base, is 692mm.

Full installation instructions are included within each pack.

Dimensions and cable capacities



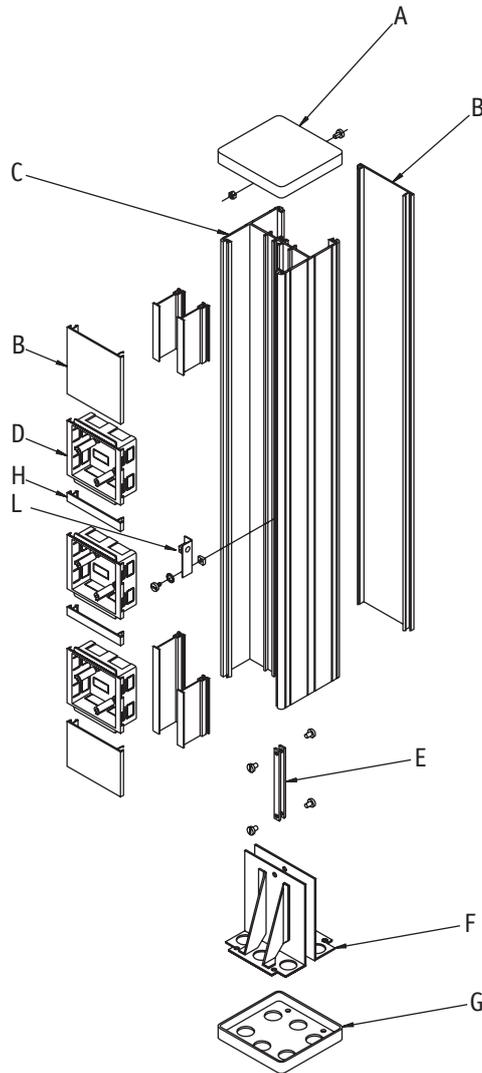
A = 2017 sq mm total area
45% space factor = 907 sq mm.

Without Accessory Box

A = 4284 sq mm total area
45% space factor = 1927 sq mm.

B = 1148 sq mm total area
45% space factor = 516 sq mm.

C = 1547 sq mm total area
45% space factor = 696 sq mm.



Double sided PowerPost

with 2 hinged lids and 14 ESSB1 outlets (NPPE811142)

Code	Description	Quantity
LL	NPPMB811 Square PowerPost base 811mm long	1
A	NPPHLA/W# Hinged lid assembly	2
J	NPPUT Hinged lid upper trim	2
K	NPPLT Hinged lid lower trim	2
KK	NPPC3 Oval Top cap	1
HH	NPPBF5 Oval base	1
B	NPPBH1 Bulkhead	4
C	ESSB1 Single gang box	14
D	ES1 Spacing cover	12
II	PPBF3 Base foot (galvanised)	2
E	NPPCC1 Cable clip	4
AA	MDFS15W632 Dividing fillet 632mm long	4
F	NPPLH1 Stainless steel hinges	4
L	PPBT1 16mm bonding terminal assembly	1
G	NPPLBS1 Hinged lid bonding strap	2
H	NPPLH1 Disc latch	6
M	NPPMC1 Magnet catch	6
I	PPSN1 Sliding nut	2

#Please use A or W to denote anodised or white

Overall height 838mm.

Full installation instructions are included within each pack.

Single sided PowerPost

with 1 hinged lid and 7 ESSB1 outlets (NPPC80671)

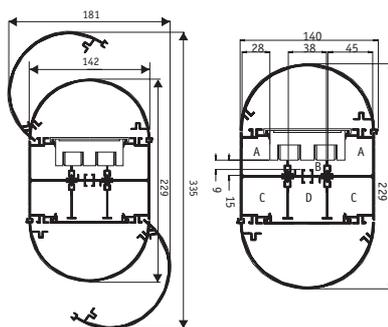
Code	Description	Quantity
CC	NPPB806 Semi-circular PowerPost base 806mm	1
A	NPPHLA/W# Hinged lid assembly	1
J	NPPUT Hinged lid upper trim	1
K	NPPLT Hinged lid lower trim	1
DD	NPPC2 Top cap	1
EE	NPPBF7 Circular post base foot (galvanised)	1
N	NPPBF4 Circular base foot	1
B	NPPBH1 Bulkhead	2
E	NPPCC1 Cable clip	2
D	ES1 Spacing cover	6
C	ESSB1 Single gang box	7
AA	MDFS15W632 Dividing fillet 632mm	2
H	NPPLH1 Disc latch	3
M	NPPMC1 Magnet catch	3
F	NPPH1 Stainless steel hinges	2
G	NPPLBS1 Hinged lid bonding strap	1
L	PPBT1 16mm bonding terminal assembly	1
I	PPSN1 Sliding nut	1

#Please use A or W to denote anodised or white

Overall height 838mm.

Full installation instructions are included within each pack.

Dimensions and cable capacities



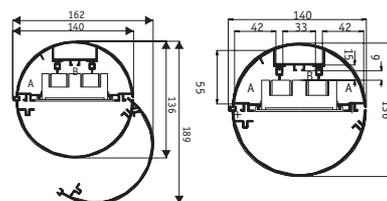
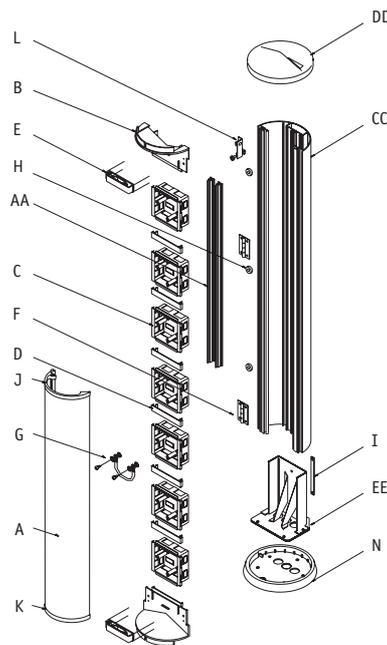
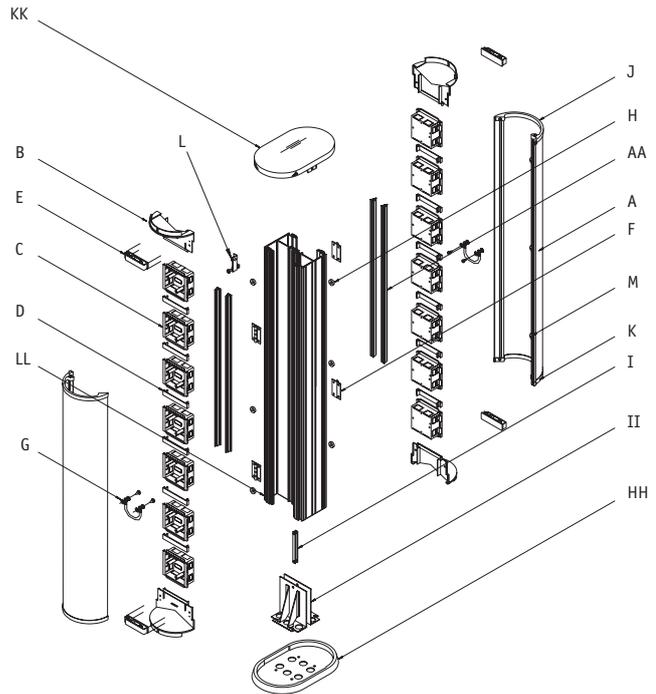
Double sided PowerPost

A = 1313 sq mm total area 45% space factor = 591 sq mm.

B = 505 sq mm total area 45% space factor = 227 sq mm.

C = 1798 sq mm total area 45% space factor = 809 sq mm.

D = 1628 sq mm total area 45% space factor = 733 sq mm.



Single sided PowerPost

A = 1238 sq mm total area 45% space factor = 557 sq mm.

B = 505 sq mm total area 45% space factor = 227 sq mm.