

Product note

D 365 Yearly time switches

Thanks to constant investment spent for searching innovative products, D Line will complete the range by introducing in the market D 365, the yearly digital time switches, indicated for managing medium-sized automation, allow to manage more users or groups of users, that require temporally differentiated commands, but with a single reference time.

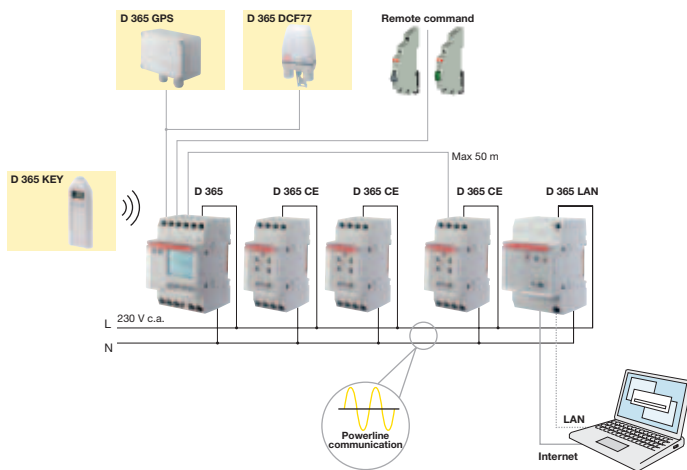


D 365 is characterized by extreme flexibility of use due to the wide availability of 800 programming steps and the ability to manage up to 8 independent contacts, while providing great advantages in energy savings. The backlit display provides a clear view even in the dark. The lithium battery, with a 6 year life, can be replaced thus extending the lifetime of the device. Like the weekly version, D 365 is equipped with various functions such as the impulse, cyclic, holiday, random, hour counter, countdown function, in addition to being able to maintain the hour and date synchronized with the hourly signal received by the DCF77 or GPS antenna. By using the programming software, you can use the digital time switch as a conventional astronomical switch. By defining the latitude and longitude of the geographical place of installation, it is possible to automatically control the circuit lighting based on sunrise and sunset times. The D 365 CE extension channel unit, in 2 exchange contacts, is instead coupled to the D 365 yearly time switch to expand the number of contacts managed from 2 to a maximum of 8.

Main characteristics

- 2 NO/NC contacts expandable up to 8
- 800 memory locations
- Standard, cyclical, random and holiday programs
- LAN/ETHERNET, POWERLINE and IR communications
- 16(10)A contact/s at potential free
- Key lock code
- Automatic change of summer and winter time
- Backlite display
- Sealable glass and keypad lock to prevent tampering by unauthorised personnel
- Lithium battery replaceable
- 10 years of running reserve
- Complies with ROHS directive

Technical features		D 365	D 365 CE	D365 LAN
Rated Voltage Un	[V a.c.]	230	110..230	230
Contact type		2 NO/NC	2 NO/NC	-
Switching capacity				
Ohmic loads	[A]	16	16	-
Inductive loads	[A]	10	10	-
Rated frequency	[Hz]		50/60	
Power dissipation	[VA]		5	
Incandescent LP power	[W]	2600	2600	-
Halogen LP power	[W]	2600	2600	-
Compensated fluorescent LP power	[W]	1000	1000	-
Non-compensated fluorescent LP power	[W]	1000	1000	-
Time base		quartz	quartz	
Minimum ON/OFF switching time	[sec.]	1	1	-
Max. no. of commands per cycle	[n°]	800	-	-
Pulse duration		1 sec...99 min	1 sec...99 min	
Power reserve	[years]	10	-	-
Operating accuracy at 20°C	[sec./day]	+1	+1	
Operating temperature	[°C]		-5...+55	
Ambient temperature	[°C]		-10...+55	
Degree of protection	[IP]		20	
Terminals			loss-proof screw	
Max. terminal cross-section	[mm²]		4	
Sealable			yes	
Installation type			on DIN rail	
Modules	[n°]	3	2	3
Standards		EN 60730-1		



Range accessories

D 365 in addition to high performance also offers a wide range of accessories, making the system extremely flexible.



D 365 CE Channel extension unit

It allows you to expand the number of channels on the yearly time switch D 365 up to a maximum total of 8. On the front of the device is possible to see instant by instant the channels status by means of illuminated LED's.



D 365 LAN module

When connected to a router or switch, allows you to monitor the real-time status of each output as well as via the Internet:

- Receive email notifications
- Upload / download programs
- Discharge time counter
- Set time and date of the programmer while sitting in front of their home PC.



D 365 KEY transmitter

Handles up to 4 programs including holidays. The external memory D 365 KEY, manages up to 4 programs including holidays.



D 365 DCF77 and D 365 GPS antennas

The D 365 DCF77 and the D 365 GPS antennas, receives messages transmitted with the exact date and exact timetable of summer or winter.

Functionality

Webserver

The integrated webserver is a useful tool that can offer more security and a high degree of flexibility for the user. It provides a working environment for Internet applications. The web browser (eg Microsoft Internet Explorer) is used instead to the output display of the program's web server.

Advantages: Provide an interface with the device that all users who have a computer connected to a network and a web browser can access; no additional software must be installed or configured; once connected to the webserver, you can view the information of the state of the outputs of the time switch and channel extensions, change settings and manage the time switch to your computer.

PowerLine protocol communication

The PowerLine protocol, through the data transmission on power cables, allows to control the incoming programs and service functions in a remote area of the system as an office or a control room, thus avoiding annoying movements and consequently time losses. Currently it is used to create a LAN in offices or houses of several storeys (or to solve the problem of unnecessary wires ...). PowerLine is used to transmit the data through the supply cables of the time switch used in the narrow band within the electrical network. The exchange of information between the time switch, extensions of channels and LAN device, are guaranteed by the connection of the supply terminals of the individual devices.

Applications

- Buildings, condominiums, shops
- Street lighting, shopping centers, sports and tourist facilities
- Luna-park, campgrounds and marinas

Order code	Type	Description
2CSM256973R0621	D 365	Yearly digital time switches 2CH
2CSM259463R0621	D 365 CE	Channel extension 2CH
2CSM256603R0621	D 365 LAN	LAN module
2CSM258283R0621	D 365 KEY	Programming key
2CSM257103R0621	D 365 DCF77	DCF77 antenna
2CSM259323R0621	D 365 GPS	GPS antenna

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