

Time switch technology

Digitale Zeitschaltmodule



FMD smart



FMD easy B1



FMD easy C1

Description

FMD smart

The time switch module FMD smart A is suitable for installation and provides versatile application options throughout buildings and outdoors. It is used for universal switching tasks such as in switchgears, machine controls, or specific solutions as swimming pool controls and sprinkler systems. The FMD smart is designed for installation in customer-specific switching applications.

The device can be operated and programmed via Bluetooth with the talento smart App.

FMD easy B1

The time switch module FMD easy is suitable for installation and provides versatile application options throughout buildings and outdoors. It is used for universal switching tasks such as in switchgears, machine controls, or specific solutions as swimming pool controls and sprinkler systems. The FMD easy is designed for installation in customer-specific switching applications. All FMD and FM modules are identical in terms of size and have the same terminal assignments. They are therefore interchangeable.

FMD easy C1

The time switch module FMD easy C1 is suitable for installation and provides versatile application options throughout buildings and outdoors. The special thing about this time switch module is that it is able to process Astro programs. This means that the time switch calculates sunrise and sunset times automatically depending on the location and can therefore switch applications on and off depending on the position of the sun. The FMD easy is designed for installation in customer-specific switching applications. All FMD and FM modules are identical in terms of size and have the same terminal assignments. They are therefore interchangeable.

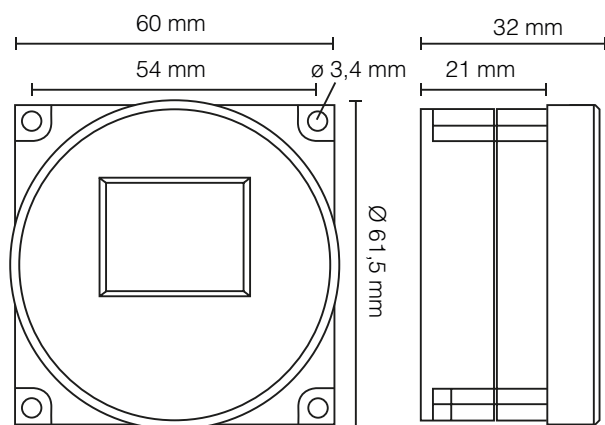
Product selection

Program	Type of installation	Operating voltage	Type	Item no.
Weekly/Yearly/Astro program	Built-in installation	110–230 V AC	FMD smart	43.60.0001.1
Weekly, Pulse/Cycle	Built-in installation	230 V AC	FMD easy B1	43.61.0001.1
Astro program	Built-in installation	230 V AC	FMD easy C1	43.61.0002.1

Technical data

	FMD smart	FMD easy B1	FMD easy C1
Operating voltage	110 V–230 V AC	230 V AC	230 V AC
Frequency	50–60 Hz	50–60 Hz	50–60 Hz
Switching capacity at 250 V AC, $\cos \varphi = 1$	16 A	16 A	16 A
Switching capacity at 250 V AC, $\cos \varphi = 0.6$	10 A	10 A	10 A
Shortest switching time	Weekly programme: 1 min, Pulse: 1 s	Weekly programme: 1 min, Pulse: 1 s	Weekly programme: 1 min, Pulse: 1 s
Incandescent/halogen lamp load	2600 W	2000 W	2000 W
LED load	400 W	300 W	300 W
Ambient temperature	–20 °C ... +55 °C	–10 °C ... +55 °C	–10 °C ... +55 °C
Time accuracy	< $\pm 0,3$ s/day at 20 °C	< $\pm 0,5$ s/day at 20 °C	< $\pm 0,5$ s/day at 20 °C
Power reserve	8 years	6 years	6 years
Stand-by consumption	< 1 W	< 6 VA	< 6 VA
Relay outputs	1	1	1
Prog. functions	Weekly function, yearly function, Astro function, pulse/cycle function	Weekly function, pulse/cycle function	Astro programs (sunrise/sunset) and adjustable offset of 0...99 min.
Protection rating	IP 20	IP 20	IP 20

Scale drawings



Connection example

