



EHN111

Daily time switch 1 channel, 3 modules with reserve

Technical properties

Functions

Number of function channels	1
Switching cycles	min. 50000
Slide switch	with slide switch for permanent on/automatic
Power reserve	≈ 120 h

Configuration

Switch mode	change-over contact, usable as NC or NO
Number of modules	3

Main electrical features

Rated operational voltage U _e	230 / 240 V
Frequency	50/60 Hz

Voltage

Operating voltage	230 V~
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Electric current

Max. power with cos φ 0.6	3 A
Switching current at cos φ = 0.6	max. 3 A

Dimensions

Depth of installed product	60 mm
Height of installed product	90 mm
Width of installed product	54 mm
Width of rail mounted device (RMD)	3 modules

Power

Power consumed	0.5 VA
Power consumption (operation)	0.5 VA
Total power loss under IN	1 W
Loss power at full load	≈ 1 W
Power dissipation per coil	0.5 W

Battery

Battery / storage battery	with integrated storage battery for power reserve
Charging time of the power reserve in hours	120

Fluorescent bulbs control

Compact fluorescent lamps	max. 200 W
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Incandescent bulbs control

Max. power with incandescent lamps	900 W
230 V incandescent lamps and halogen lamps	max. 900 W

Installation, mounting

Mounting type	surface-mounted
Installation mode	for mounting on DIN rail

Connection

Connection cross-sect. flexible conductor	1 / 4mm ²
Connection cross-sect. rigid cable	1 / 4mm ²
Conductor cross-section (flexible)	1...4 mm ²
Conductor cross-section (rigid)	1...4 mm ²
Number of contacts	1
Type of contacts	1 changeover
Type of connection	with screw terminals
Contact	with potential-free switching contact
Type of connection	with screw

Settings

Number of program steps	96
Summer / Winter time change	manual
Shortest switching time	15 mn
Type of programming	analog
Program cycles	Programme cycle: 24 hours
Programming cycle	24H
Setting	Setting via day dial

Equipment

Number of channels	1
Number of switching times for on/off	96
Supply failure reserve	120 h
Switching cycles at $\cos \varphi = 0,6$	min. 20000

Use

Cycle	daily
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Safety

REACH conform	Yes
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-10...55 °C
Working accuracy	5
Storage/transport temperature	-10...55 °C