



EH111

Time switch daily cycle with reserve

Architecture

Fixing mode	Din-Rail
Technical version	Change-over contact, time scale 15 min

Functions

Number of function channels	1
Switching cycles	min. 50000
Power reserve	~ 200 h
- with slide switch for permanent on/automatic	

Configuration

- change-over contact, usable as NC or NO

Main electrical features

Rated operational voltage U_e	230 V
Frequency	50 Hz

Voltage

Operating voltage	230 V~
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Electric current

Max. power with $\cos \phi = 0.6$	3 A
Switching current at $\cos \phi = 0.6$	max. 3 A

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

Measurement

Running accuracy	± 1 s/day
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Battery

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

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

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
- with screw terminals	
- with potential-free switching contact	

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 via day dial	

Equipment

Number of channels	1
Number of switching times for on/off	96
Supply failure reserve	200 h
Switching cycles at cos φ = 0,6	min. 20000

Use

Cycle	daily
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Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-10 45 °C
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Working accuracy	1
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Storage/transport temperature	-20 70 °C
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Identification

Main design line	Light control
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