



EHN171



## Weekly time switch 1 channel, 3 modules with reserve

### Technical characteristics

#### Architecture

Fixing mode	Din-Rail
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#### Functions

Number of function channels	1
Switching cycles	min. 50000
Power reserve	≈ 200 h

#### Configuration

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

#### Main electrical features

Rated operational voltage Ue	230 / 240 V
Frequency	50-60 Hz

#### Voltage

Operating voltage	230 V~
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#### Electric current

Max. power with cos phi 0.6	4 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

#### Measurement

Running accuracy	± 1 s/day
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#### Battery

Charging time of the power reserve in hours	120
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**Fluorescent bulbs control**

Compact fluorescent lamps	max. 200 W
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**Incandescent bulbs control**

Max. power with incandescent lamps	900 W
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230 V incandescent lamps and halogen lamps	max. 900 W
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**Installation, mounting**

Mounting type	din-Rail
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Installation mode	for mounting on DIN rail
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**Connection**

Connection cross-sect. flexible conductor	1 / 4mm <sup>2</sup>
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Connection cross-sect. rigid cable	1 / 4mm <sup>2</sup>
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Conductor cross-section (flexible)	1...4 mm <sup>2</sup>
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Conductor cross-section (rigid)	1...4 mm <sup>2</sup>
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Number of contacts	1
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Type of contacts	1 changeover
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Type of connection	with screw terminals
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**Settings**

Number of program steps	84
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Summer / Winter time change	manual
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Shortest switching time	120 mn
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Type of programming	analog
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Program cycles	Programme cycles: 1 x 7 days
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Programming cycle	1X7D.
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**Equipment**

Number of channels	1
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Number of switching times for on/off	84
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Supply failure reserve	120 h
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Switching cycles at $\cos \varphi = 0,6$	min. 20000
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**Use**

Cycle	weekly
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**Safety**

Protection index IP	IP20
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**Use conditions**

Operating temperature	-10...55 °C
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Working accuracy	1
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Storage/transport temperature	-10...55 °C
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