



EHN171

Weekly time switch 1 channel, 3 modules with reserve

Technical characteristics

Functions

Number of function channels	1
Switching cycles	min. 50000
Slide switch	with slide switch for permanent on/automatic
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 U_e	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 $\cos \phi = 0.6$	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

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
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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 ²
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Connection cross-sect. rigid cable	1 / 4mm ²
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Conductor cross-section (flexible)	1...4 mm ²
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Conductor cross-section (rigid)	1...4 mm ²
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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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Contact	with potential-free switching contact
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Type of connection	with screw
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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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Setting	Fine setting of time via rotating hand
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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

REACH conform	Yes
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RoHS conform	Yes
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Halogen free	No
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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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