



1 channel dig time switch weekly cycle

EGN103

Architecture	
Fixing mode	DIN rail type O (symmetrical)
Functions	
With GPS	no
Connectivity	
Connection mode	Radio
Main electrical features	
Frequency	50/60 Hz
Nominal voltage	230 V
Type of supply voltage	AC
Rated operational voltage Ue	230 V AC
Voltage	
Operating voltage at AC 50 Hz	196/254 V
Operating voltage	230 V AC
Contact relay maximum switching voltage	max. 254 V AC
Electric current	
Switching current at 250 V~	per channel 16 A
Frequency	
Frequency range	50 60 Hz
Power	
Power consumed	0,39 VA
Power consumption (operation)	350 mW
Power consumption (standby)	max. 350 mW

Tripping

Minimum interval between two switching times	1 mn
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Measurement

Relative humidity	95 %
Running accuracy	± 1.5 s/day

Battery

Power reserve [years]	~ 5 a
Lithium cell power reserve [years]	~ 5
- with battery type: Lithium 1/2 AA	

Dimensions

Depth of installed product	61,6 mm
Height of installed product	90 mm
Width of installed product	35,8 mm

Fluorescent bulbs control

Fluorescent lamps	max. 1000 VA
Max. load fluorescent lamp	400 W
Max. power with fluorescent parallel lamps	400 W
Max. power fluo. duo lamp comp. series	1000 W
Compact fluorescent lamps	400 W
Fluorescent lamps parallel compensated	400 W

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	max. 2300 W
Max. power with incandescent lamps	2300 W

Installation, mounting

Tightening torque	1,2Nm
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Connection

Conductor cross-section (flexible)	1 6 mm ²
Conductor cross-section (rigid)	1,5 10 mm ²
Connection cross-sect. rigid cable	1,5 / 10mm ²
Connection cross-sect. flexible conductor	1 / 6mm ²
Type of connection	with screw
Type of contacts	1 changeover
- with screw terminal	
- with failsafe break contact (NC contact)	

Settings

Shortest switching time	1 mn
Annual program	no
Astro program	no
Daily program	yes
External programming	yes
Programming cycle	1X7D.
Weekly program	yes
- with automatic summer/winter time change-over	
- Programming possible without mains voltage	

Scope of delivery

Memory card included	no
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Equipment

Type of programmable thermostat	Digital
Number of switching times for on/off	56
Number of channels	1
Radio-controlled (DCF77)	no
Supply failure reserve	5 years
Summer-/winter switchover	yes

Use

Local operation/hand operation	yes
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Safety

Protection index IP	IP20
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Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-5 45 °C
Working accuracy	± 1,5 s / 24H
Storage/transport temperature	-25 70 °C

Identification

Device family	EG
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