



1 channel dig time switch weekly cycle

EGN103

Architecture

Fixing mode	DIN rail type O (symmetrical)
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Functions

With GPS	no
hour program	yes
Switching contact floating	no

Configuration

Working accuracy per day	1,5 s
Power reserve [hours]	~ 43800 h

Compatibility

Bluetooth compatible	no
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Connectivity

Connection mode	Radio
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Main electrical features

Rated operational voltage Ue	230 V AC
Nominal voltage	230 V
Type of supply voltage	AC
Frequency	50/60 Hz

Voltage

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
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Frequency

Frequency range	50 60 Hz
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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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Electrical specifications

Operating voltage at AC 50 Hz	196/254 V
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Measurement

Relative humidity	95 %
Running accuracy	± 1.5 s/day

Reach distance

Bluetooth maximum range in free field	3 m
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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. 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
Max. load fluorescent lamp	400 W

Incandescent bulbs control

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

Installation, mounting

Tightening torque	1,2Nm
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Connection

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

Settings

Number of program steps	56
Shortest switching time	1 mn
Programming cycle	1X7D.
Annual program	no
Astro program	no
Daily program	yes
External programming	yes
Time	with automatic summer/winter time change-over
Weekly program	yes
Programmable without power supply	yes
- Programming possible without mains voltage	

Scope of delivery

Memory card included	no
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Equipment

Type of programmable thermostat	Digital
Number of channels	1
Number of switching times for on/off	56
Supply failure reserve	5 years
Radio-controlled (DCF77)	no
Summer-/winter switchover	yes
With cyclic program	no
With holidays program	no
With Impulse program	yes
With preset programm	no
With random program	no
number of programs	1
With powerline synchronization	yes
With push-button input	no
With quartz synchronization	yes

Use

Local operation/hand operation	yes
DCF	no

Safety

Protection index IP	IP20
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Use conditions

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

Identification

Device family	EG
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