EGN400AU

Multi-funct. Time switch 4 channels Blue

Architecture

Fixing mode	DIN rail type O (symmetrical)

Functions

With GPS	no
hour program	yes
Switching contact floating	no

Configuration

Working accuracy per day	0,25 s
Power reserve [hours]	~ 87600 h

Compatibility

Bluetooth compatible	yes

Controls and indicators

Function of the pushbutton	1 way

Connectivity

Connection mode	Bluetooth

Main electrical features

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

Voltage

Operating voltage	230 V DC
Contact relay maximum switching voltage	max. 254 V AC

Electric current

Switching current at 250 V~	per channel 16 A

Frequency

Frequency range	50Ö60 Hz

Power

Power consumption (operation)	500 mW
Power consumption (standby)	max. 300 mW

Tripping

Minimum interval between two switching times	1 mn

Electrical specifications

Operating voltage at AC 50 Hz	196 / 254 V

Measurement

Relative humidity	95 %

Reach distance

Bluetooth maximum range in free field	10 m

Battery

Power reserve [years]	~ 10 a
Lithium cell power reserve [years]	~ 10

Dimensions

Depth of installed product	61,6 mm
Height of installed product	90 mm
Width of installed product	70 mm

Lighting control

Brightness measurement range	1 / 2000 Lux

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	0.5Nm

Connection

Connection cross-sect. flexible conductor	0.2 / 2.5mm²
Connection cross-sect. rigid cable	0,2 / 4mm²
Conductor cross-section (flexible)	0,2Ö2,5 mm²
Conductor cross-section (rigid)	0,2Ö4 mm²
Number of contacts	4
Type of contacts	1 changeover
Type of connection	with screw

- with screw terminal
- with failsafe break contact (NC contact)

Settings

Number of program steps	400
Summer / Winter time change	automatic
Shortest switching time	1 mn
Annual program	yes
Astro program	yes
Daily program	yes
External programming	yes
Time	with automatic summer/winter time change-over
Weekly program	yes
Programmable without power supply	yes

Scope of delivery

Memory card included	no

Equipment

Pulse duration for inputs	min. 1 s
Type of programmable thermostat	Digital
Number of channels	4
Number of switching times for on/off	200
Radio-controlled (DCF77)	no
Summer-/winter switchover	yes
With cyclic program	yes
With holidays program	no
With Impulse program	yes
With preset programm	yes
With random program	no
number of programs	20
With powerline synchronization	yes
With push-button input	yes
With quartz synchronization	yes

Use

Local operation/hand operation	yes
DCF	no

Safety

Protection index IP	IP20

Use conditions

Operating temperature	-5Ö45 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Working accuracy	60
Storage/transport temperature	-25Ö70 °C

Identification

Device family	EG

Instructions

Standby time	~ 1 mn