



EHN111

Daily time switch 1 channel, 3 modules with reserve

Technical properties

Functions

Number of function channels	1
Switching cycles	min. 50000
Slide switch	with slide switch for permanent on/automatic
Power reserve	≈ 120 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~
-------------------	--------

Electric current

Max. power with $\cos \phi$ 0.6	3 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

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
---------------------------	------------

Incandescent bulbs control

Max. power with incandescent lamps	900 W
------------------------------------	-------

230 V incandescent lamps and halogen lamps	max. 900 W
--	------------

Installation, mounting

Mounting type	surface-mounted
---------------	-----------------

Installation mode	for mounting on DIN rail
-------------------	--------------------------

Connection

Connection cross-sect. flexible conductor	1 / 4mm ²
---	----------------------

Connection cross-sect. rigid cable	1 / 4mm ²
------------------------------------	----------------------

Conductor cross-section (flexible)	1...4 mm ²
------------------------------------	-----------------------

Conductor cross-section (rigid)	1...4 mm ²
---------------------------------	-----------------------

Number of contacts	1
--------------------	---

Type of contacts	1 changeover
------------------	--------------

Type of connection	with screw terminals
--------------------	----------------------

Contact	with potential-free switching contact
---------	---------------------------------------

Type of connection	with screw
--------------------	------------

Settings

Number of program steps	96
-------------------------	----

Summer / Winter time change	manual
-----------------------------	--------

Shortest switching time	15 mn
-------------------------	-------

Type of programming	analog
---------------------	--------

Program cycles	Programme cycle: 24 hours
----------------	---------------------------

Programming cycle	24H
-------------------	-----

Setting	Setting via day dial
---------	----------------------

Equipment

Number of channels	1
--------------------	---

Number of switching times for on/off	96
--------------------------------------	----

Supply failure reserve	120 h
------------------------	-------

Switching cycles at $\cos \varphi = 0,6$	min. 20000
--	------------

Use

Cycle	daily
-------	-------

Safety

REACH conform	Yes
---------------	-----

RoHS conform	Yes
--------------	-----

Halogen free	No
--------------	----

Use conditions

Operating temperature	-10...55 °C
-----------------------	-------------

Working accuracy	5
------------------	---

Storage/transport temperature	-10...55 °C
-------------------------------	-------------