



EPN503



Latching relay 1NO+1NC 48V

Technical properties

Functions

Max. temporisation	60 s
--------------------	------

Configuration

Number of modules	1
-------------------	---

Main electrical features

Rated operational voltage Ue	250 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	250 V
DC control voltage	24 V
Command voltage AC	48 V

Electric current

Quiescent current	6 mA
Rated current	16 A

Dimensions

Depth of installed product	63 mm
Height of installed product	83 mm
Width of installed product	17.5 mm

Frequency

Frequency	50 to 60 Hz
-----------	-------------

Power

Inrush power absorbed	25 VA
Total power loss under IN	1.2 W

Resistance

Winding resistance	48 Ω
--------------------	------

Endurance

Electrical durability at nominal load in AC21in operating cycles	150000
Number of mechanical operations	500000

Fluorescent bulbs control

Max. power with fluorescent parallel lamps	900 VA
--	--------

Incandescent bulbs control

Max. power with incandescent lamps	1800 W
------------------------------------	--------

Installation, mounting

Tightening torque	1,6Nm
-------------------	-------

Connection

Connection cross-sect. flexible conductor	1 / 6mm ²
Connection cross-sect. rigid cable	1,5 / 10mm ²
Number of contacts	2
Type of contacts	1NC+1NO
Type of connection	with screw

Equipment

Type of latching relay	electromechanic
------------------------	-----------------

Use

Pulse duration	50 ms
----------------	-------

Standards

Standard text	IEC/EN 60669-2
---------------	----------------

Safety

REACH conform	Yes
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-5...40 °C
Storage/transport temperature	-40...80 °C
Manual operation possible	Yes