



EPN503



## Latching relay 1NO+1NC 48V

### Technical characteristics

#### 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 <sup>2</sup>
---	----------------------

---

Connection cross-sect. rigid cable	1,5 / 10mm <sup>2</sup>
------------------------------------	-------------------------

---

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