



EPN503



## Latching relay 1NO+1NC 48V

### Technical properties

#### Functions

Max. temporisation	60 s
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#### Configuration

Number of modules	1
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#### 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
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#### Power

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

#### Resistance

Winding resistance	48 Ω
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#### 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
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**Incandescent bulbs control**

Max. power with incandescent lamps	1800 W
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**Connection**

Connection cross-sect. flexible conductor	1 / 6mm <sup>2</sup>
Number of contacts	2
Type of connection	with screw

**Equipment**

Type of latching relay	electromechanic
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**Use**

Pulse duration	50 ms
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**Standards**

European directive WEEE	concerned
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**Safety**

Protection index IP	IP20
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