



EPN503



Latching relay 1NO+1NC 48V

Technical characteristics

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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Installation, mounting

Tightening torque	1,6Nm
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Connection

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

Type of latching relay	electromechanic
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Use

Pulse duration	50 ms
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Standards

Standard text	IEC/EN 60669-2
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Safety

REACH conform	Yes
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RoHS conform	Yes
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Halogen free	No
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Use conditions

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