



EPN503

Latching relay 1NO+1NC 48V

Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	250 V

Voltage

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

Electric current

Quiescent current	6 mA
Rating	16 A

Power

Inrush power absorbed	25 VA
Total power loss under IN	1,2 W

Resistance

Winding resistance	48 ?
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Endurance

Electrical durability at nominal load in AC21 in operating cycles	150000
Number of mechanical operations	500000

Dimensions

Depth of installed product	63 mm
Height of installed product	83 mm
Width of installed product	17,5 mm

Installation, mounting

Tightening torque	1,6Nm
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Connection

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

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
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Use conditions

Storage temperature	-40 to 80 °C
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Identification

Device family	EP
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