



ERC216

## Relay 16A, 2NO, 230V~50Hz

### Technical properties

#### Architecture

Type of order	Relay
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#### Configuration

Number of modules	1
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#### Main electrical features

Rated operational voltage Ue	230 V
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Frequency	50 Hz
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#### Voltage

Rated insulation voltage	250 V
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DC control voltage	0 V
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Command voltage AC	230 V
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Rated impulse withstand voltage	4 kV
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#### Electric current

Rated current	16 A
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Thermal rated current outside of housings	16 A
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Acceptable current load with AC7 category A	16 A
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Acceptable current load with AC7 category B	5.5 A
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#### Dimensions

Depth of installed product	60 mm
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Height of installed product	83 mm
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Width of installed product	17.85 mm
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#### Power

Inrush power absorbed	10.7 VA
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Operating consumption	2.9 VA
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Total power loss under IN	3 W
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Power loss per contact	1 W
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Power dissipation per coil	1 W
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Contact rating with 230 V in AC7 category A	3 kW
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Contact rating with 230 V in AC7 category B	880 W
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#### Tripping

Time of response when opening	15 ms
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Time of response when closing	25 ms
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**Endurance**

Electric endurance in number of cycles	30000
Number of mechanical operations	100000

**Fluorescent bulbs control**

Max. power with fluorescent parallel lamps	490 VA
Fluorescent lamps in duo circuit	1200 VA
Max. load fluorescent lamp	570 VA

**Incandescent bulbs control**

Max. power with incandescent lamps	1100 W
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**Installation, mounting**

Tightening torque	1,2Nm
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**Connection**

Connection cross-sect. flexible conductor	1 / 6mm <sup>2</sup>
Connection cross-sect. rigid cable	1 / 10mm <sup>2</sup>
Type of contacts	2NO
Connection cross-section of the control cable solid	1 / 10 mm <sup>2</sup>

**Equipment**

Quantity of NC contacts	0
Quantity of NO contacts	2
Can be accessorized	Yes

**Use**

Local operation/hand operation	Yes
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**Safety**

REACH conform	Yes
RoHS conform	Yes
Halogen free	No

**Use conditions**

Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C