



ERD216

## Relay 16A, 2NO, 24V~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
Frequency	50 Hz

#### Voltage

Rated insulation voltage	250 V
DC control voltage	0 V
Command voltage AC	24 V
Rated impulse withstand voltage	4 kV

#### Electric current

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

#### Dimensions

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

#### Power

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

#### Tripping

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

<b>Endurance</b>	
Electric endurance in number of cycles	30000
Number of mechanical operations	100000
<b>Fluorescent bulbs control</b>	
Max. power with fluorescent parallel lamps	490 VA
Fluorescent lamps in duo circuit	1200 VA
Max. load fluorescent lamp	570 VA
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	1100 W
<b>Installation, mounting</b>	
Tightening torque	1,2Nm
<b>Connection</b>	
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>
<b>Equipment</b>	
Quantity of NC contacts	0
Quantity of NO contacts	2
Can be accessorized	Yes
<b>Use</b>	
Local operation/hand operation	Yes
<b>Safety</b>	
REACH conform	Yes
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C