



Relay 16A, 1NO+1NC, 230V

ERC218

Architecture	
Type of order	Relay
Main electrical features	
Frequency	50 Hz
Rated operational voltage Ue	230 V
Voltage	
Rated insulation voltage	250 V
Command voltage AC	230 V
Rated impulse withstand voltage	4 kV
Electric current	
Acceptable current load with AC7 category A	16 A
Acceptable current load with AC7 category B	5,5 A
Thermal rated current outside of housings	16 A
Power	
Inrush power absorbed	10,7 VA
Operating consumption	2,9 VA
Contact rating with 230 V in AC7 category B	880 W
Power loss per contact	1 W
Total power loss under IN	3,9 W
Tripping	
Time of response when closing	25 ms
time of response when opening	15 ms
Endurance	
Electric endurance in number of cycles	30000
Number of mechanical operations	100000

Dimensions

Depth of installed product	60 mm
Height of installed product	83 mm
Width of installed product	17,85 mm

Fluorescent bulbs control

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

Max cable connect. cross section (flexible) for control	1 to 6 mm ²
Rigid cable connect. cross-sect. for control	1 to 10 mm ²
Connection cross-sect. rigid cable	1 / 10mm ²
Connection cross-sect. flexible cable	1 / 6mm ²
Type of contacts	1NC+1NO

Equipment

Quantity of NC contacts	1
Quantity of NO contacts	1
Can be accessorized	yes
Override	Yes

Use

Local operation/hand operation	yes
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Standards

European directive RoHS	compliant
European directive WEEE	concerned

Safety

Protection index IP	2
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Use conditions

Storage temperature	-40 to 80 °C
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Identification

Device family	ERC
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