



ERC225

Override Contactor 25A, 2NO, 230V~50/60Hz

Technical characteristics

Architecture

Type of order	Relay
Number of poles	2 P

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	230 V
Rated impulse withstand voltage	4 kV

Electric current

Rated current	25 A
Thermal rated current outside of housings	25 A
Acceptable current load with AC7 category A	25 A
Acceptable current load with AC7 category B	8.5 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	7.4 W
Operating consumption	1.8 W
Total power loss under IN	3.6 W
Power loss per contact	1.5 W
Power dissipation per coil	0.6 W
Contact rating with 230 V in AC7 category A	4.6 kW
Contact rating with 230 V in AC7 category B	880 W

Tripping

Time of response when opening	15 ms
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Time of response when closing	25 ms
Resistance	
Winding resistance	5500 Ω
Endurance	
Electric endurance in number of cycles	30000
Number of mechanical operations	1000000
Fluorescent bulbs control	
Max. power with fluorescent parallel lamps	500 VA
Fluorescent lamps in duo circuit	990 VA
Max. load fluorescent lamp	490 VA
Incandescent bulbs control	
Max. power with incandescent lamps	1100 W
Installation, mounting	
Tightening torque	1,2Nm
Connection	
Connection cross-sect. flexible conductor	1 / 6mm ²
Connection cross-sect. rigid cable	1 / 10mm ²
Number of contacts	2
Type of contacts	2NO
Type of connection	with screw
Connection cross-section of the control cable solid	1 / 10 mm ²
Equipment	
Can be accessorized	Yes
Use	
Local operation/hand operation	Yes
Standards	
European directive WEEE	not concerned
Safety	
Protection class	isol.class II
Use conditions	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C