



ESC440

Contactor 40A, 4NO, 230V~50Hz

Technical characteristics

Architecture

Type of order	Not applicable
Number of poles	4 P

Configuration

Number of modules	3
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Main electrical features

Rated operational voltage U_e	400 V
Frequency	50 Hz

Voltage

Rated insulation voltage	440 V
DC control voltage	0 V
Command voltage AC	230 V
Rated impulse withstand voltage	4 kV

Electric current

Rated current	40 A
Thermal rated current outside of housings	40 A
Acceptable current load with AC7 category A	40 A
Acceptable current load with AC7 category B	25 A

Dimensions

Depth of installed product	60 mm
Height of installed product	85 mm
Width of installed product	54 mm

Power

Inrush power absorbed	62,5 VA
Operating consumption	5,7 VA
Total power loss under IN	14,3 W
Power loss per contact	3,2 W
Power dissipation per coil	1,5 W
Contact rating with 230 V in AC7 category A	7,3 kW
Contact rating with 230 V in AC7 category B	2,6 kW
Contact rating with 400 V in AC7 category A	22 kW
Contact rating with 400 V in AC7 category B	7,8 kW

Tripping

Time of response when opening	20 ms
Time of response when closing	25 ms

Resistance

Winding resistance	770 Ω
Endurance	
Electric endurance in number of cycles	30000
Number of mechanical operations	1000000
Fluorescent bulbs control	
Max. power with fluorescent parallel lamps	1300 VA
Fluorescent lamps in duo circuit	3000 VA
Max. load fluorescent lamp	1900 VA
Incandescent bulbs control	
Max. power with incandescent lamps	4000 W
Installation, mounting	
Tightening torque	Coil: 2,5Nm Power: 3,5Nm
Connection	
Connection cross-sect. flexible conductor	1,5 / 16mm ²
Connection cross-sect. rigid cable	1,5 / 25mm ²
Number of contacts	4
Type of contacts	4NO
Type of connection	with screw
Connection cross-section of the control cable solid	1 / 2,5 mm ²
Equipment	
Can be accessorized	
Use	
Local operation/hand operation	
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP2X
Protection class	isol.class II
Use conditions	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C
Identification	
Search words	Installation contactor modular contactor modular apparatus contactor control contactor AC contactor