



ESC427

Contactor 25A, 2NO+2NC, 230V~50Hz

Technical properties

Architecture

Number of poles	4 P
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Configuration

Number of modules	2
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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	35.75 mm

Power

Inrush power absorbed	21 VA
Operating consumption	3.4 VA
Total power loss under IN	4.5 W
Power loss per contact	1.5 W
Power dissipation per coil	1.5 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
Time of response when closing	25 ms

Resistance

Winding resistance	3150 Ω
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Endurance

Electric endurance in number of cycles	30000
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Number of mechanical operations	1000000
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Fluorescent bulbs control

Max. power with fluorescent parallel lamps	810 VA
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Fluorescent lamps in duo circuit	1990 VA
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Max. load fluorescent lamp	950 VA
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Incandescent bulbs control

Max. power with incandescent lamps	1900 W
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Installation, mounting

Tightening torque	1,2Nm
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Connection

Number of contacts	4
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Type of connection	with screw
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Connection cross-section of the control cable solid	1 / 10 mm ²
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Equipment

Can be accessorized	Yes
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Use

Local operation/hand operation	No
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Safety

Protection class	isol.class II
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REACH conform	Yes
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RoHS conform	Yes
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Halogen free	No
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Use conditions

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