



ESC125

Contactor 25A, 1NO, 230V~50/60Hz

Technical properties

Architecture

Type of order	Not applicable
Number of poles	1 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	2.1 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
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Resistance

Winding resistance	5500 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	500 VA
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Fluorescent lamps in duo circuit	990 VA
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Max. load fluorescent lamp	490 VA
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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

Connection cross-sect. flexible conductor	1 / 6mm ²
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Connection cross-sect. rigid cable	1 / 10mm ²
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Number of contacts	1
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Type of contacts	1NO
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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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Standards

European directive WEEE	not concerned
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Safety

Protection class	isol.class II
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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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