



Contactor 25A, 1NO, 230V

ESC125

Architecture

Type of order	Not applicable
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Main electrical features

Frequency	50 Hz
Rated operational voltage U_e	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	25 A
Acceptable current load with AC7 category B	8,5 A
Thermal rated current outside of housings	25 A

Power

Inrush power absorbed	10,7 VA
Operating consumption	2,9 VA
Contact rating with 230 V in AC7 category A	4,6 kW
Contact rating with 230 V in AC7 category B	880 W
Power loss per contact	1,5 W
Total power loss under I_N	4,4 W
Power dissipation per coil	2,9 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	950 VA
Max. power with fluorescent parallel lamps	810 VA
Fluorescent lamps in duo circuit	1990 VA

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

Max cable connect. cross section (flexible) for control	1 to 6 mm ²
Connection cross-section of the control cable solid	1 to 10 mm ²
Connection cross-sect. rigid cable	1 / 10mm ²
Connection cross-sect. flexible conductor	1 / 6mm ²
Type of connection	with screw
Type of contacts	1NO

Equipment

Can be accessorized	yes
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Use

Local operation/hand operation	no
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Standards

European directive WEEE	concerned
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Safety

Protection index IP	2
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Use conditions

Storage temperature	-40 to 80 °C
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Identification

Device family	ESC
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