



ESC125

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

Technical characteristics

Architecture

Type of order	Not applicable
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Configuration

Number of modules	1
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Main electrical features

Rated operational voltage Ue	230 V
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Frequency	50 Hz
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Voltage

Rated insulation voltage	250 V
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DC control voltage	0 V
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Command voltage AC	230 V
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Rated impulse withstand voltage	4 kV
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Electric current

Rated current	25 A
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Thermal rated current outside of housings	25 A
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Acceptable current load with AC7 category A	25 A
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Acceptable current load with AC7 category B	8,5 A
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Dimensions

Depth of installed product	60 mm
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Height of installed product	83 mm
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Width of installed product	17,85 mm
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Power

Inrush power absorbed	10,7 VA
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Operating consumption	2,9 VA
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Total power loss under IN	2,5 W
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Power loss per contact	1,5 W
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Power dissipation per coil	1 W
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Contact rating with 230 V in AC7 category A	4,6 kW
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Contact rating with 230 V in AC7 category B	880 W
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Tripping

Time of response when opening	15 ms
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Time of response when closing	25 ms
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Endurance

Electric endurance in number of cycles	30000
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Number of mechanical operations	100000
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Fluorescent bulbs control

Max. power with fluorescent parallel lamps	810 VA
Fluorescent lamps in duo circuit	1990 VA
Max. load fluorescent lamp	950 VA
Incandescent bulbs control	
Max. power with incandescent lamps	1900 W
Installation, mounting	
Tightening torque	1,2Nm
Connection	
Connection cross-sect. flexible conductor	1 / 6mm ²
Connection cross-sect. rigid cable	1 / 10mm ²
Type of contacts	1NO
Type of connection	with screw
Connection cross-section of the control cable solid	1 / 10 mm ²
Equipment	
Can be accessorized	
Use	
Local operation/hand operation	
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP2X
Use conditions	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C
Identification	
Search words	Installation contactor Mini contactor Rail mounted device Contactor Control contactor AC contactor