



ESC425

## Contactor 25A, 4NO, 230V

### Technische Merkmale

#### Architecture

Type of order	Not applicable
Number of poles	4 P

#### Main electrical features

Frequency	50 Hz
Rated operational voltage Ue	400 V

#### Voltage

Rated insulation voltage	440 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	21 VA
Operating consumption	3,4 VA
Contact rating with 230 V in AC7 category A	4,6 kW
Contact rating with 230 V in AC7 category B	880 W
Contact rating with 400 V in AC7 category A	13,8 kW
Contact rating with 400 V in AC7 category B	2,6 kW
Power loss per contact	1,5 W
Total power loss under IN	9,4 W
Power dissipation per coil	3,4 W

#### Tripping

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

#### Resistance

Winding resistance	3150 Ω
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#### Endurance

Electric endurance in number of cycles	30000
Number of mechanical operations	1000000

#### Dimensions

Depth of installed product	60 mm
Height of installed product	83 mm
Width of installed product	35,75 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 <sup>2</sup>
Connection cross-section of the control cable solid	1 to 10 mm <sup>2</sup>
Connection cross-sect. rigid cable	1 / 10mm <sup>2</sup>
Connection cross-sect. flexible conductor	1 / 6mm <sup>2</sup>
Type of connection	with screw
Number of contacts	4
Type of contacts	4NO

### 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 class	isol.class II
Protection index IP	2

### Use conditions

Storage temperature	-40 to 80 °C
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### Identification

Device family	ESC
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