



## Contactor 25A, 3NO, 230V

ESC325

### Architecture

Type of order	Not applicable
Number of poles	3 P

### Main electrical features

Rated operational voltage Ue	400 V
Frequency	50 Hz

### Voltage

Rated insulation voltage	440 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

### Power

Inrush power absorbed	21 VA
Operating consumption	3,4 VA
Total power loss under IN	7,9 W
Power loss per contact	1,5 W
Power dissipation per coil	3,4 W
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

### Tripping

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

#### Resistance

Winding resistance	3150 ?
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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. 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
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#### Installation, mounting

Tightening torque	1,2Nm
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#### Connection

Connection cross-sect. flexible conductor	1 / 6mm <sup>2</sup>
Connection cross-sect. rigid cable	1 / 10mm <sup>2</sup>
Number of contacts	3
Type of contacts	3NO
Type of connection	with screw
Cable connect. cross section (flexible) for control	1 / 6 mm <sup>2</sup>
Connection cross-section of the control cable solid	1 / 10 mm <sup>2</sup>

#### Equipment

Can be accessorized	yes
With slide for manual switch	no

#### Use

Local operation/hand operation	no
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#### Standards

European directive WEEE	concerned
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#### Safety

Protection index IP	IP2X
Protection class	isol.class II

#### Use conditions

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