



ESC225S

## Humfree Contactor 25A, 2NO, 230V

### Technische Merkmale

#### Architecture

Type of order	Not applicable
Number of poles	2 P

#### Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	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	2,2 W
Operating consumption	2,2 W
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 IN	5,2 W
Power dissipation per coil	2,2 W

#### Tripping

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

#### Resistance

Winding resistance	19500 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	17,85 mm

### Fluorescent bulbs control

Max. load fluorescent lamp	490 VA
Max. power with fluorescent parallel lamps	500 VA
Fluorescent lamps in duo circuit	990 VA

### 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

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	2
Type of contacts	2NO

### Equipment

Can be accessorized	no
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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
Protection index IP	2

### Use conditions

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

Device family	ESC
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