



ESC325S

Humfree Contactor 25A, 3NO, 230V~50/60Hz

Technical properties

Architecture

Number of poles 3 P

Configuration

Number of modules 2

Main electrical features

Rated operational voltage U_e 400 V

Frequency 50 Hz

Voltage

Rated insulation voltage 440 V

DC control voltage 0 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

Dimensions

Depth of installed product 60 mm

Height of installed product 83 mm

Width of installed product 35.75 mm

Power

Inrush power absorbed 3.2 VA

Operating consumption 3.2 VA

Total power loss under IN 7.5 W

Power loss per contact 1.5 W

Power dissipation per coil 3 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	14700 Ω
Endurance	
Electric endurance in number of cycles	30000
Number of mechanical operations	1000000
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
Connection	
Number of contacts	3
Connection cross-section of the control cable solid	1 / 10 mm ²
Equipment	
Can be accessorized	Yes
Use	
Local operation/hand operation	No
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP2X
Protection class	isol.class II
Use conditions	
Operating temperature	-10...50 °C
Storage/transport temperature	-40...80 °C