Product Datasheet
ESC225S



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Humfree Contactor 25A, 2NO, 230V~50/60Hz

Technical Features

Connection

Type of contacts	2NO

Electric current

Rated current	25 A
Acceptable current rating AC3	8.5 A

Capacity

Number of modules	1

Frequency

Frequency	50 - 50 Hz

Voltage

Rated impulse withstand voltage Uimp	4000 V
Rated insulation voltage Ui	250 V
Rated operational voltage Ue	230 - 230 V
Command voltage AC	230 - 230 V
Command voltage DC	0 - 0 V

Use conditions

Operating temperature	-10 - 50 °C

Use

Category of use	AC-7a/AC-7b

Use conditions

Storage/transport temperature	-40 - 80 °C

Endurance

Number of mechanical operations	100000

Texts

Safety hint	Humfree contactors are not suitable for intensive use cases (powered 24/7) and in these cases industrial contactors must be used.

Endurance

Electric endurance in number of cycles	30000

Power

Total power loss under IN	5.20 W
Inrush power absorbed	2.50 VA

Dimensions

Height	83 mm
Width	17.85 mm
Depth	60 mm

Connection

Number of contacts	2

Equipment

Number of NO contacts	2
Number of NC contacts	0
With switch for manual switch	No

Connection

Cross-section flexible conductor	1 - 6 mm^2
Cross-section rigid conductor	1 - 10 mm^2

Installation, mounting	
Nominal tightening torque	1.20 - 1.20 Nm

Sustainability	
RoHS conform	Yes