



ESC425S

Humfree Contactor 25A, 4NO, 230V~50/60Hz

Technical Features

Connection

Type of contacts	4NO
------------------	-----

Electric current

Rated current	25 A
Acceptable current rating AC3	8.5 A

Capacity

Number of modules	2
-------------------	---

Frequency

Frequency	50 - 50 Hz
-----------	------------

Voltage

Rated impulse withstand voltage Uimp	4000 V
Rated insulation voltage Ui	440 V
Rated operational voltage Ue	400 - 400 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	9 W
Inrush power absorbed	3.20 VA

Dimensions

Height	83 mm
Width	35.75 mm
Depth	60 mm

Connection

Number of contacts	4
--------------------	---

Equipment

Number of NO contacts	4
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
--------------	-----
