



ERD225S

Humfree Override Contactor 25A, 2NO, 24V~ 50/60Hz

Technical Features

Connection

Type of contacts	2NO
------------------	-----

Electric current

Rated current	25 A
---------------	------

Capacity

Number of modules	1
-------------------	---

Frequency

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

Voltage

Rated impulse withstand voltage U_{imp}	4000 V
Rated insulation voltage U_i	250 V
Rated operational voltage U_e	230 - 230 V
Command voltage AC	24 - 24 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 I_N	5.20 W
Inrush power absorbed	2.40 VA

Dimensions

Height	83 mm
Width	17.85 mm
Depth	60 mm

Equipment

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

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