



ERL625SDC

Humfree Override Contactor 25A, 2NO, 12VDC

Technical Features

Connection

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

Electric current

Rated current	25 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	0 - 0 V
--------------------	---------

Command voltage DC	12 - 12 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	8.80 W
---------------------------	--------

Inrush power absorbed	2.80 VA
-----------------------	---------

Dimensions

Height	83 mm
--------	-------

Width	35.75 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