



ESL240S

Humfree Contactor 40A, 2NO, 12V~ 50Hz & 12V DC

Technical Features

Connection

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

Electric current

Rated current	40 A
---------------	------

Capacity

Number of modules	3
-------------------	---

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	12 - 12 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	10.90 W
Inrush power absorbed	5.20 VA

Dimensions

Height	85 mm
Width	54 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	1.5 - 16 mm ²
Cross-section rigid conductor	1.5 - 25 mm ²

Sustainability	
RoHS conform	Yes