



ESD240S

## Humfree Contactor 40A, 2NO, 24V~ 50Hz & 24V DC

### Technical properties

#### Connection

Type of contacts	2NO
Number of contacts	2
Cross-section flexible conductor	1.5 - 16 mm <sup>2</sup>
Cross-section rigid conductor	1.5 - 25 mm <sup>2</sup>

#### Electric current

Rated current	40 A
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#### Capacity

Number of modules	3
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#### Frequency

Frequency	50 - 50 Hz
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#### Voltage

Rated impulse withstand voltage U <sub>imp</sub>	4,000 V
Rated insulation voltage U <sub>i</sub>	440 V
Rated operational voltage U <sub>e</sub>	400 - 400 V
Command voltage AC	24 - 24 V
Command voltage DC	24 - 24 V

#### Use conditions

Operating temperature	-10 - 50 °C
Storage/transport temperature	-40 - 80 °C

#### Endurance

Number of mechanical operations	100,000
Electric endurance in number of cycles	30,000

#### Texts

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

Total power loss under I <sub>N</sub>	10.90 W
Inrush power absorbed	5.20 VA

#### Dimensions

Height	85 mm
Width	54 mm

Depth

60 mm

**Equipment**

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