



ESD240S

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

**Technical Features**

**Connection**

Type of contacts	2NO
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**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 $U_{imp}$	4000 V
Rated insulation voltage $U_i$	440 V
Rated operational voltage $U_e$	400 - 400 V
Command voltage AC	24 - 24 V
Command voltage DC	24 - 24 V

**Use conditions**

Operating temperature	-10 - 50 °C
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**Use**

Category of use	AC-7a/AC-7b
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**Use conditions**

Storage/transport temperature	-40 - 80 °C
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**Endurance**

Number of mechanical operations	100000
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**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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**Endurance**

Electric endurance in number of cycles	30000
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**Power**

Total power loss under $I_N$	10.90 W
Inrush power absorbed	5.20 VA

**Dimensions**

Height	85 mm
Width	54 mm
Depth	60 mm

**Connection**

Number of contacts	2
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**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 <sup>2</sup>
Cross-section rigid conductor	1.5 - 25 mm <sup>2</sup>

**Architecture**

Number of poles	2
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**Sustainability**

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RoHS conform

Yes