



ERL418SDC

**Humfree Relay 16A, 2NO+2NC, 12VDC**

**Technical Features**

**Connection**

Type of contacts	2NC+2NO
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**Electric current**

Rated current	16 A
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**Capacity**

Number of modules	2
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**Frequency**

Frequency	50 - 50 Hz
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**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
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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 IN	4.80 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	2
With switch for manual switch	Yes

**Connection**

Cross-section flexible conductor	1 - 6 mm <sup>2</sup>
Cross-section rigid conductor	1 - 10 mm <sup>2</sup>

**Installation, mounting**

Nominal tightening torque	1.20 - 1.20 Nm
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**Sustainability**

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RoHS conform

Yes