



ERL418

### Relay 16A, 2NO+2NC, 12V~ 50Hz

#### 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 $U_{imp}$	4000 V
Rated insulation voltage $U_i$	440 V
Rated operational voltage $U_e$	400 - 400 V
Command voltage AC	12 - 12 V
Command voltage DC	0 - 0 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
Electric endurance in number of cycles	30000

##### Power

Total power loss under $I_N$	3.50 W
Inrush power absorbed	21 VA

##### Dimensions

Height	83 mm
Width	35.75 mm
Depth	60 mm

##### Connection

Number of contacts	4
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##### 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

RoHS conform	Yes
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