



ERD418

**Relay 16A, 2NO+2NC, 24V~50Hz**

**Technical Features**

**Connection**

Type of contacts	2NC+2NO
------------------	---------

**Electric current**

Rated current	16 A
---------------	------

**Capacity**

Number of modules	2
-------------------	---

**Frequency**

Frequency	50 - 50 Hz
-----------	------------

**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	0 - 0 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
Electric endurance in number of cycles	30000

**Power**

Total power loss under IN	3.50 W
Inrush power absorbed	21 VA

**Dimensions**

Height	83 mm
Width	35.75 mm
Depth	60 mm

**Connection**

Number of contacts	4
--------------------	---

**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
---------------------------	----------------

**Sustainability**

RoHS conform	Yes
--------------	-----