

# REX12 electronic DC 24 V circuit protector with adjustable current ratings



## One type for all current ratings The new REX12D-TE2

The compact and flexible **REX system** is an all-in-one solution offering comprehensive DC 24 V protection and distribution options for machine and panel builders. It helps optimise the functionality and number of components.

E-T-A's new **REX12D-TE2** electronic overcurrent protection combines unrivalled flexibility, enabled by adjustable current ratings from 1 A to 10A, with a slim design of only 6.25 mm per channel. Current ratings can be adjusted in 1 A increments. Adjustment is easily possible via IO link or Modbus RTU. In standard mode, the current ratings can be adjusted directly on the device by pressing the button.

The adjustability of the **REX12-TE2** provides you with a single type for all current ratings. In addition, no further accessories are required for the mechanical and electrical connection of the individual components - which is the case with all **REX12** models. Ease of mounting, small installation width and minimised wiring efforts help save time, space and money.

**REX12D-TE2** meets the technical requirements and economic expectations of the machine construction industry. Users can very easily adjust the electronic circuit protectors to the corresponding load conditions of the application.

### Technical data

Number of channels	2
Current ratings	1 A ... 10 A, adjustable in 1 A increments
Voltage rating	DC 24 V
Temperature range	-25 °C...+60 °C
Installation width	6.25 mm per channel
Supply modules	<b>EM12-T</b> (Si make contact), <b>EM12D-T</b> (IO link/Modbus)
Terminals	push-in technology including press release buttons
Mounting method	DIN rail mounting
Approval	UL508listed



The **REX system** significantly increases machine uptime through selectivity, quick trouble-shooting and transparency. In addition the **REX12D-TE2** circuit protector meets the requirements of many approval standards and is therefore fit for global use.



## Your benefits

- **High flexibility** through ease of current rating adjustment from 1 A to 10 A
- **Inventory costs are cut**, because one model covers all current ratings
- **Cost and time savings**, because no further accessories are required



REX12D-TE2 circuit protector



## Four-channel combination of devices REX Quat-Pack saves space and cuts storage costs

### A combination of devices with four channels

The **REX Quat-Pack** is a four-channel combination of devices and consists of an **EM12-T** supply module and two **REX12D-TE2** electronic circuit protectors with adjustable current ratings from 1 A to 10 A. The current ratings can be adjusted manually by pushing

the button on the circuit protector. With an installation width of only 37.5 mm the **Quat-Pack** creates significantly more space in the control cabinet than similar devices on the market. Additionally, it clearly cuts costs for inventory and purchasing because the four-channel unit needs only a single part number.

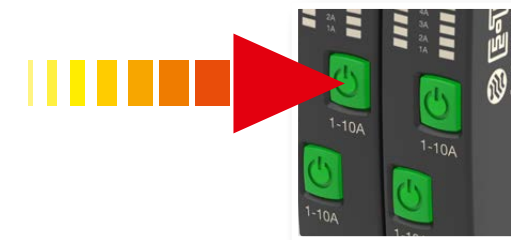


EM12-T supply module

Circuit protector REX12D-TE2

The **REX-Quat-Pack** is only 37.5 mm wide and provides significantly more space in the control cabinet than similar devices in the market.

The applicable current rating can be adjusted directly on the unit by means of a push button of the **REX Quat-Pack**.



### Technical data

Supply module	<b>EM12-T</b> (Si make contact)
Electronic overcurrent protection	<b>REX12D-TE2</b> , 2-channel
No. of channels	4 (2 x 2)
Current ratings	1 A ... 10 A, adjustable in 1 A increments
Voltage rating	DC 24 V
Group signalling contact	make contact
Width of package	37.5 mm



Watch the video **REX12** adjustability

# REX12D-TE2 circuit protector

B\_REX12D-TE2\_e\_090119A

Technical changes, misprints and errors reserved.  
Photos: E-T-A, cover: ©kinwun/stock.adobe.com



E-T-A Elektrotechnische Apparate GmbH  
Industriestraße 2-8 · 90518 ALTDORF  
GERMANY  
Phone +49 9187 10-0 · Fax 09187 10-397  
E-Mail: [info@e-t-a.de](mailto:info@e-t-a.de) · [www.e-t-a.de](http://www.e-t-a.de)