

E-T-A Elektrotechnische Apparate GmbH

Industriestraße 2-8

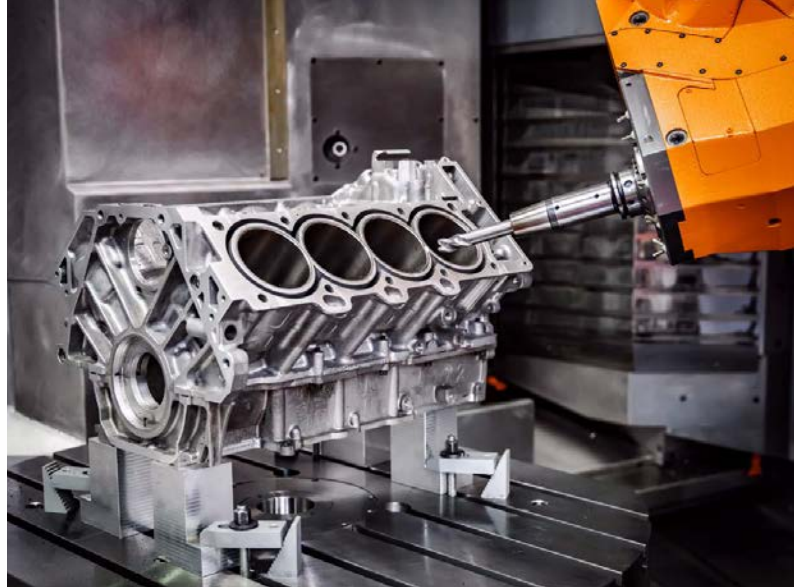
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REX22D ELECTRONIC CIRCUIT PROTECTOR

Reliable DC 24 V protection even
for high current ratings

REX22D ELECTRONIC CIRCUIT PROTECTOR

with situational current limitation

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

The new REX22D electronic over-current protection expands the REX system and combines a trip curve including situational, active linear current limitation with a slim design of only 6.25 mm per channel.

The characteristic curve of the REX22D, specifically designed for DC 24 V switch mode power supplies with low overload capacity and DC 24 V drive technology, enables effective protection for all applications.

REX22D selectively protects all DC 24 V load circuits and limits the output current linearly during ON-switching or before tripping. In the event of a short circuit the limitation cuts the leakage current to a defined value. This enables an effective and predictable protection even for switch mode power supplies with low power reserves.

In order to be able to switch on high-power loads effortlessly, the limited current can be made available situationally for a longer period of time. Thus, the electronic characteristic curve additionally provides the solution for drive engineering, control technology for frequency converters, multiphase motors and sensitive relay contacts in the „SAFETY“ area.



NEC Class2



REX22D electronic circuit protector



Adjustable current ratings up to 20 A

le with



The image shows a black, rectangular E-T-A DC24V current protector. A circular inset provides a magnified view of the top-left corner, highlighting the current rating slider. The slider is a green tab that can be moved to different positions, each marked with a current value: 20A, 16A, and 12A. The main body of the device is labeled with 'DC24V', the E-T-A logo, and 'Electronic Overcurrent Protector'. The inset also shows the text '100-DC24V-' and '20A'.

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dules. All
ise the

The desired current rating can be
adjusted with the slides

system offers a variety of diagnosis, control and parametrising options by means of different communication modules. All devices automatically recognise the respective operating mode.



YOUR BENEFITS

- Transparency and flexibility through adjustable current ratings via slides
- Reduced downtimes through calculable limited max. current
- Increased availability through prevention of nuisance trippings

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