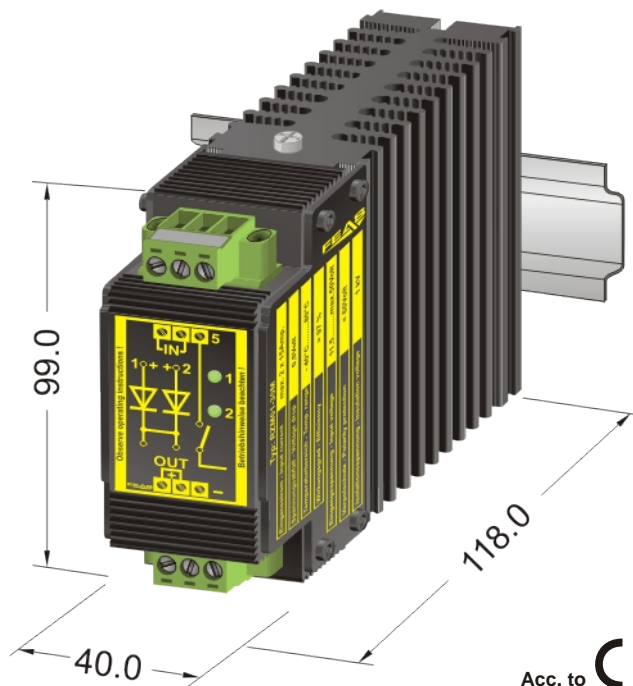


# Product specification

## Redundancy module RZM01-30M



Acc. to 

- ☐ Compact modular design, modul width 40 mm, integrated colling element
- ☐ For an easy set-up of N+1 redundancies
- ☐ Nominal input voltage 11.5V<sub>DC</sub> ..... 50V<sub>DC</sub>
- ☐ Nominal input current up to 2 x 15A
- ☐ Nominal output current up to 1x 30A
- ☐ Relaycontact - Power fail
- ☐ Vibration proof, suitable for the tropics - epoxy resin casted
- ☐ Status indication by LED
- ☐ Suitable to be fitted on 35mm DIN-rail
- ☐ Compliant with EMI-Regulations
- ☐ Safety acc. to VDE, EN, UL, CSA

### Application

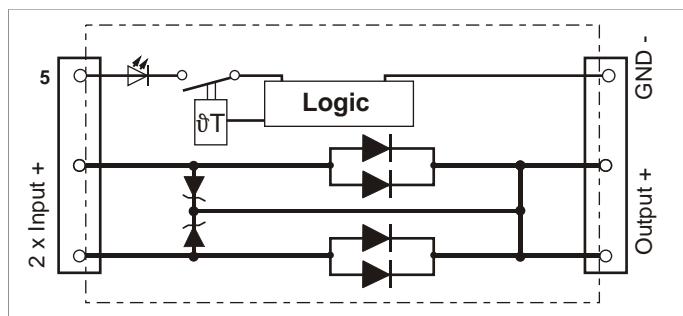
FEAS Redundancy modules of the series RZM provide the decoupling of two identical DC-Powersupplies in order to either increase the output power or achieve a higher degree of system stability.

In case of mains power failure or an internal defect of one power supply, the other power supply is still feeding the DC-circuit without interruption. For this, the performance of the used power supplies are calculated in a way, that all consumers can be powered with just one DC-power supply.

With this method, the operational reliability of the whole system is effectively enhanced.

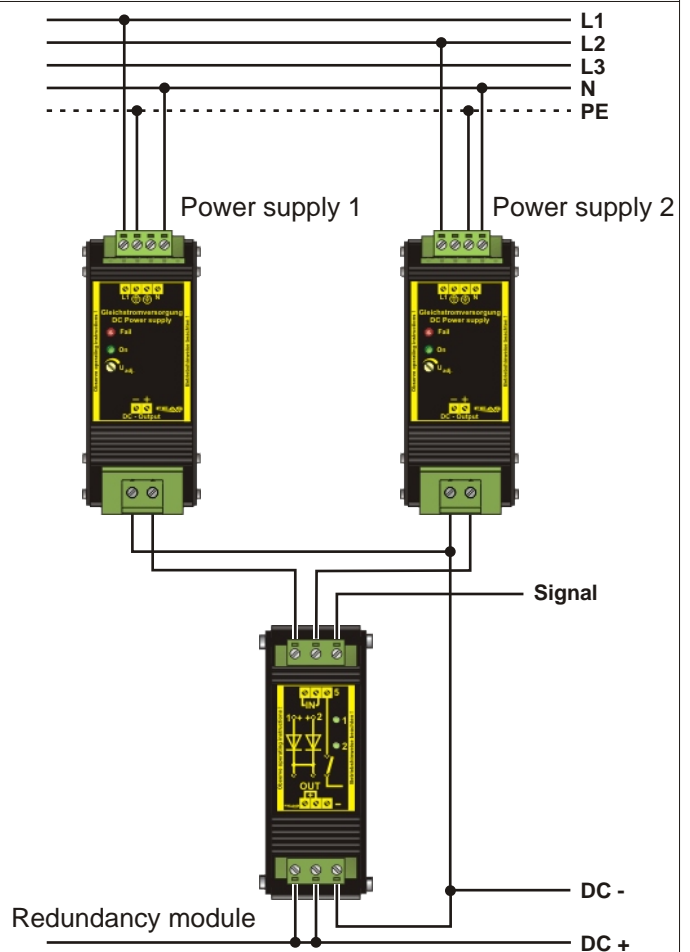
### Operational principle

By using of two diodes, the power supplies will be separated from each other. By using of two diodes, the power supplies will be separated from each other. Operation and fail is indicated by two bicolour LED's. The breakdown of one power supply is detected by a relay contact.



### Version

Installed and completely potted in an aluminum case for direct mounting on 35mm DIN-rail.



Please read the data sheets and the operating instructions for further information!

**FEAS**

Postfach 1521  
D - 22905 Ahrensburg

Telefon: +49 4102 42082  
Telefax: +49 4102 40930

E-mail : [contact@feas.com](mailto:contact@feas.com)  
Internet: [www.feas.com](http://www.feas.com)