Technical Data

Dimensions  
width 19", height 2U, installation depth 205 / 250 / 295 mm

Load circuits  
redundant 2 x 15 single pole  
(group A and B)  
non-redundant 1 x 30 single pole

Line entry  
ring cable lugs for Basic Version  
screw terminals for Basic Plus Version

Supply current  
max. 100 A per group

Load terminals  
screw terminals 2.5 mm² / 4 mm²

Load current  
max. 16 A per way  
(depending on the breaker rating)

Signalling  
parallel connection of break contacts per group and/or series connection of make contacts per group

Rated voltage  
DC 24 V (max. 65 V)  
AC 50 V (max. AC 250 V)

Circuit breaker types  
2210-S / 3600 / 3900 (therm-magnetic)  
ESS20 / ESX10 (electronic, only DC 24 V)

Benefits

Basic Version
- Compact power distribution system  
- 2U made of aluminium  
- Printed circuit board design, no conventional wiring  
- High power density up to 2 x 100 A  
- Plug-in type circuit breakers to be plugged in later  
- Clearly marked front plate  
- Cable grip rail on the rear  
- Economy version  
- Free space for customised adjustments

Basic Plus Version
- Wiring of return conductors included  
- All terminals easily accessible on one level  
- Availability of standard connection technologies: screw-type, spring-loaded, push-in  
- Room for individual solutions to create an "allround carefree package"  
- Redundant supply via de-coupling diodes  
- Version on mounting plate for control cabinet installation

The flexible Power-D-Box®
A modular construction system for your power distribution
**Power Distribution Systems - tailored to suit your requirements**

The flexible power distribution system serves for connecting and protecting up to 30 load circuits at one power supply. By means of two versions - Basic and Basic Plus - the user is able to meet his requirements ranging from a basic configuration to an "allround-carefree-package".

An integral printed circuit board allows redundancy and provides distribution of the supply lines to the individual load channels. It also enables group signalling and features screw-type terminals. The integral sockets subsequently accommodate various types of circuit breakers. The portfolio ranges from thermal-magnetic to electronic circuit breakers.

Customer-specific versions make the system suitable for use in nearly all applications. Additional features include: integral de-coupling diodes for a redundant entry line, screw terminals accessible from the front, voltage monitoring with relay output, integral power supplies or even different housing designs.

Whether "Basic" or "Basic Plus" Version: a modular power distribution system for a wealth of applications.

For more information on the flexible Power-D-Box please visit: www.e-t-a.de

Modular Construction System