

Technical data

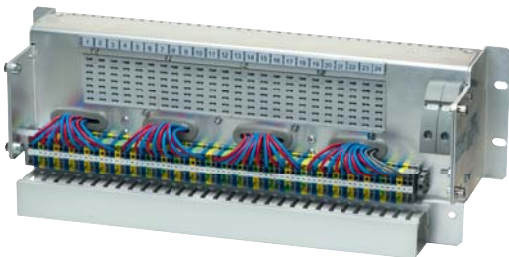
Dimensions	width 19", height 2 - 4U, installation depth 110 - 270 mm
Mounting	interchangeable flanges for 19" installation or on mounting plate
Version	- redundant e. g. 2 x 15 ways - redundant supply with integral de-coupling diodes for up to 30 ways - non-redundant for up to 1 x 30 ways
Supply	redundant or non-redundant max. 100 A
Rated voltage	DC 24 V (max. 65 V) AC 50 V (max. AC 250 V)
Pluggable load circuit protection	- electronic circuit breakers ESS20 / ESS30 - electronic circuit protectors ESX10 / REF16 - thermal-magnetic circuit breakers 2210 / 3600 / 2216
Load current	depending on circuit breaker, max. 16 A per way
Signalling	series connection of make contacts or parallel connection of break contacts per group
Terminal design	screw terminals, spring-loaded terminals, push-in terminals

Benefits

- Completely pre-wired design of power distribution
- Mounted by means of 4 screws in the cabinet
- Power distribution by means of printed circuit board, maintenance-free
- Variable number of load circuits
- A choice of terminal designs (screw, spring-loaded, push-in)
- Redundant or non-redundant power distribution up to 100 A
- Integral de-coupling diodes for redundant supply
- Integral horizontal cable arrangement
- Group signalling with physical isolation
- Optional with current measurement, voltage monitoring, customer-specific marking and more



Power distribution system S627



Power distribution system S628

Power Distribution Modules

Your construction kit for control cabinet assembly



Power distribution modules – tailored to suit your requirements

The flexible power distribution system serves for connecting and protecting up to 30 load circuits on one or - in the event of redundancy - more power supplies. The “module” design allows mounting on the rear wall (mounting plate) of a control cabinet or alternatively - by turning the flanges - the installation into a 19” rack. All terminals are accessible from the front and by means of internal cable arrangement all cables are led to the left or right.

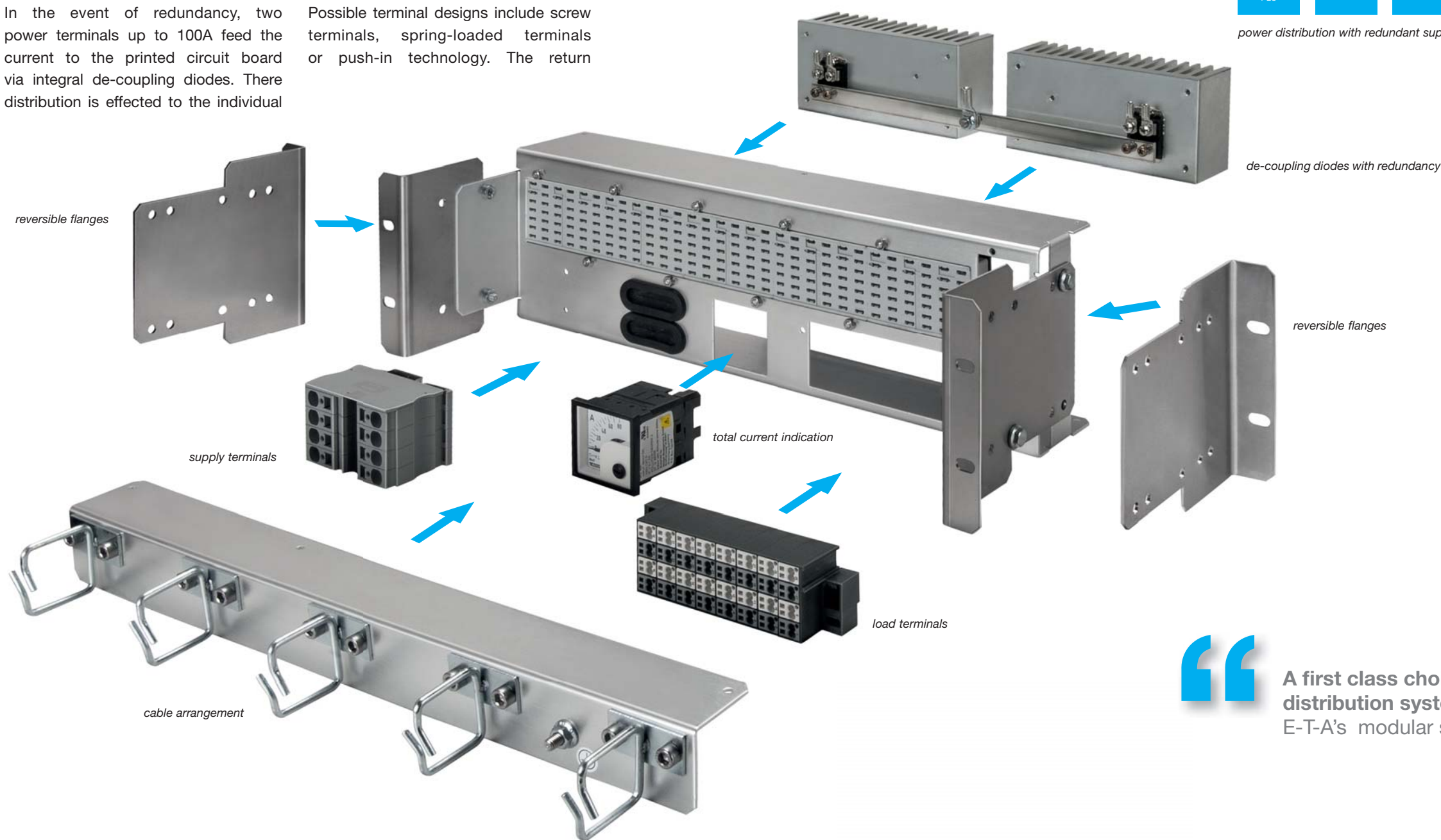
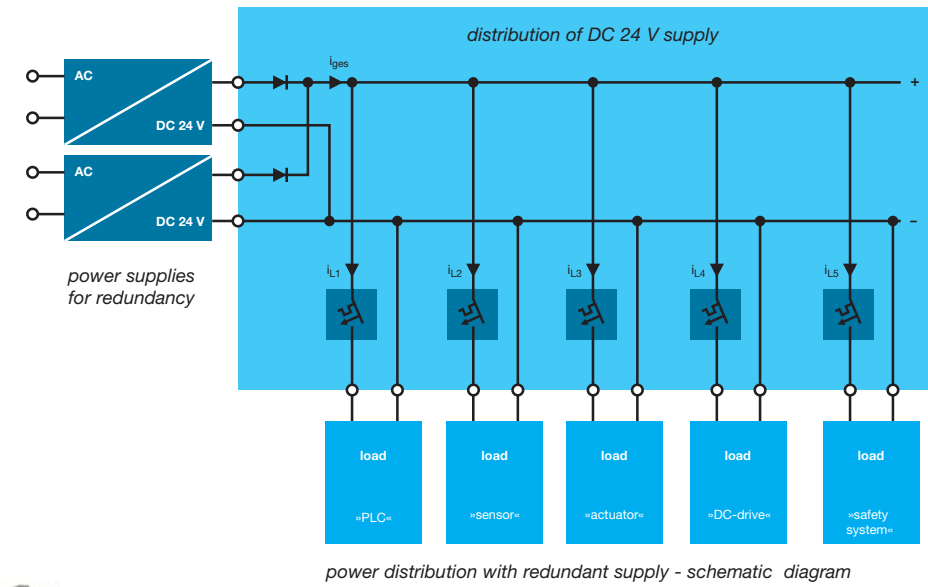
In the event of redundancy, two power terminals up to 100A feed the current to the printed circuit board via integral de-coupling diodes. There distribution is effected to the individual

protective elements of the load outputs. Alternatively, it is possible to build up a consistent redundancy with up to 2 x 15 load circuits or to completely do without redundancy.

As plug-in type circuit breakers or protectors we can choose either electronic ones (also with physical isolation) or thermal-magnetic versions. In all cases, auxiliary contacts are offered which allow split-up group signalisation.

Possible terminal designs include screw terminals, spring-loaded terminals or push-in technology. The return

conductors from the loads will also be led back over the distribution box to the supply unit. The modular design allows adjustments to the application and integration of special functions such as voltage monitoring, special circuit grouping etc. Upon request we provide an “all-round carefree package” - you mount it with 4 screws, connect it and “forget” it ...



“ A first class choice of power distribution systems: E-T-A’s modular system ”

For more information on the module system please visit:

www.e-t-a.de

Power distribution modules