

Primary switch mode power supplies

CP-E range

Benefits and advantages



2CDC 275 004 F0006

Signalling output/contact

The CP-E range 24 V devices > 18 W offer an output/contact for monitoring of the output voltage and remote diagnosis.



2CDC 276 008 F0006

Wide range input

Optimised for world-wide applications: The CP-E power supplies can be supplied within a wide range of AC or DC voltage.



2CDC 276 009 F0006

Adjustable output voltage

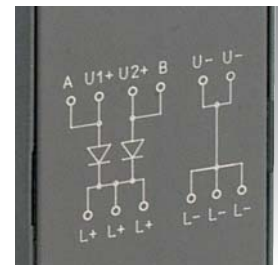
The CP-E range types feature a continuously adjustable output voltage. Thus, they can be optimally adapted to the application, e.g. compensating the voltage drop caused by a long line length.



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Redundancy units

For decoupling of parallelized power supply units < 48 V. Thus, true redundancy can be achieved.



2CDC 271 006 F0003

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- Output voltages 5 V, 12 V, 24 V, 48 V DC
- Adjustable output voltages
- Output currents 0.625 A / 0.75 A / 1.25 A / 2.5 A / 3 A / 5 A / 10 A / 20 A
- Power range 15 W, 18 W, 30 W, 60 W, 120 W, 240 W, 480 W
- Wide range input or auto select input
- High efficiency of up to 90 %
- Low power dissipation and low heating
- Free convection cooling (no forced cooling with ventilators)
- Ambient temperature range during operation -25...+70 °C
- Open-circuit, overload and short-circuit stable
- Integrated input fuse
- U/I characteristic curve on devices > 18 W (fold-forward behaviour at overload – no switch-off)
- Redundancy units offering true redundancy
- LED(s) for status indication
- Signalling output/contact for output voltage OK
 - Transistor on 24 V devices > 18 W and < 120 W
 - Relay on 24 V devices ≥ 120 W
- Approvals / Marks (depending on device, partly pending):

