

Power supply CP-E 12/2.5

Primary switch mode power supply







The CP-E range offers enhanced functionality while the number of different types has been considerably reduced. Now all power supply units can be operated at an ambient temperature of up to +70 °C.



Characteristics

- Rated output voltage 12 V DC
- Output voltage adjustable via front-face rotary potentiometer “OUTPUT Adjust”
- Rated output current 2.5 A
- Rated output power 30 W
- Wide range input 100-240 V AC (85-264 V AC, 90-375 V DC)
- Typical efficiency of 84 %
- Low power dissipation and low heating
- Free convection cooling (no forced cooling with ventilators)
- Ambient temperature range during operation -40...+70 °C
- Open-circuit, overload and short-circuit stable
- Integrated input fuse
- Redundancy unit CP-RUD offering true redundancy, available as accessory
- LED for status indication

Approvals

-  UL 508, CAN/CSA C22.2 No.107.1 ¹⁾
-  UL 1310, CAN/CSA C22.2 No.223 (Class 2 Power Supply)
-  ANSI/ISA-12.12, CAN/CSA C22.2 No. 213 (Class I, Div. 2, hazardous locations)
-  UL 60950, CAN/CSA C22.2 No.60950 ¹⁾
-  EAC
-  CCC ¹⁾

¹⁾ Approval refers to rated input voltage U_{in}

Marks

-  CE
-  RCM

Order data

| Type | Input voltage range | Rated output voltage / current | Order code |
|-------------|---------------------------|--------------------------------|--------------------|
| CP-E 12/2.5 | 85-264 V AC / 90-375 V DC | 12 V DC / 2.5 A | 1SVR 427 032 R1000 |

Order data – accessories

| Type | Description | Order code |
|--------|---|--------------------|
| CP-RUD | Redundancy unit The CP-RUD provides decoupling of two CP-E power supply units ≤ 35 V and < 5 A. | 1SVR 423 418 R9000 |