



POWER SUPPLY

- AC 100-120 / 200-240V Auto Select Input
- Efficiency up to 91.6%
- Width only 60mm
- 20% Output Power Reserves
- Full Output Power Between -25°C and +60°C
- Minimal Inrush Current Surge
- 3 Year Warranty

1. GENERAL DESCRIPTION

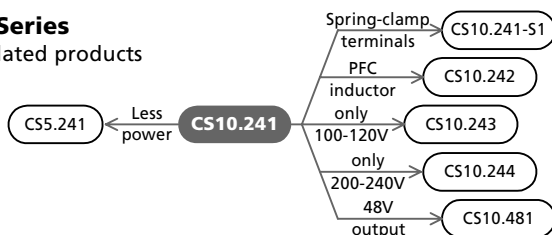
The Dimension C-Series are cost optimized power supplies without compromising quality, reliability and performance. The C-Series is part of the Dimension power supply family, existing alongside the high featured Q-series.

The C series includes all the essential basic functions and the devices have a power reserve of 20%. This extra current may even be used continuously at temperatures up to +45°C. The most important features are the small size, the high efficiency and the wide temperature range.

The Auto-select input makes worldwide installation and usage very simple. Defects or system failures caused by wrongly set switches can not occur.

C-Series

Related products



2. SHORT-FORM DATA

| | | |
|-------------------|-----------------------|-------------------|
| Output voltage | DC 24V | |
| Adjustment range | 24 - 28V | |
| Output current | 10 – 8,6A | ambient <60°C |
| | 12 – 10,3A | ambient <45°C |
| Output power | 240W | ambient <60°C |
| | 288W | ambient <45°C |
| Output ripple | < 50mVpp | 20Hz to 20MHz |
| Input voltage | AC 100-120 / 200-240V | Auto-select Input |
| Mains frequency | 50-60Hz | ±6% |
| AC Input current | typ. 3.73 / 2.23A | at 120 / 230Vac |
| Power factor | typ. 0.59 / 0.51 | at 120 / 230Vac |
| AC Inrush current | typ. 3A peak | |
| DC Input | not allowed | |
| Efficiency | typ. 91.0 / 91.6% | at 120 / 230Vac |
| Losses | typ. 23.7 / 22.0W | at 120 / 230Vac |
| Temperature range | -25°C to +70°C | operational |
| Derating | 6W/°C | +60 to +70°C |
| Hold-up time | typ. 46 / 47ms | at 120 / 230Vac |
| Dimensions | 60x124x117mm WxHxD | |

3. ORDER NUMBERS

| | | |
|--------------|---------------------------------------|---|
| Power Supply | CS10.241 CS10.241-S1 | Standard unit Quick-connect spring-clamp terminals |
| Accessory | ZM1.WALL ZM13.SIDE YRM2.DIODE | Wall mount bracket Side mount bracket Redundancy module |

4. MARKINGS

