



POWER SUPPLY

- AC 100-120 / 200-240V Auto Select Input
- Efficiency up to 90.2%
- Width only 32mm
- 20% Output Power Reserves
- Full Output Power Between -25°C and +60°C
- Minimal Inrush Current Surge
- 3 Year Warranty

1. GENERAL DESCRIPTION

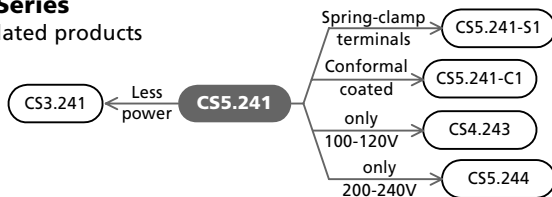
The Dimension C-Series are cost optimized power supplies without compromising quality, reliability and performance. The C-Series is part of the Dimension power supply family, existing alongside the high featured Q-series.

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	5 - 4.3A	ambient <60°C
	6 - 5,1A	ambient <45°C
Output power	120W	ambient <60°C
	144W	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. 2.05 / 1.23A	at 120 / 230Vac
Power factor	typ. 0.56 / 0.47	at 120 / 230Vac
AC Inrush current	typ. 3A peak	
DC Input	not allowed	
Efficiency	typ. 89.4 / 90.2%	at 120 / 230Vac
Losses	typ. 14.5 / 13.2W	at 120 / 230Vac
Temperature range	-25°C to +70°C	operational
Derating	3W/°C	+60 to +70°C
Hold-up time	typ. 80 / 78ms	at 120 / 230Vac
Dimensions	32x124x117mm	WxHxD

3. ORDER NUMBERS

Power Supply	CS5.241 CS5.241-C1 CS5.241-S1	Standard unit Conformal coated PC-boards Quick-connect spring-clamp terminals
Accessory	ZM1.WALL ZM11.SIDE YRM2.DIODE	Wall mount bracket Side mount bracket Redundancy module

4. MARKINGS

