



POWER SUPPLY

- AC 200-240V Single Phase Input
- Efficiency up to 90.2%
- Width only 32mm
- 20% Output Power Reserves
- Full Output Power Between -10°C and +60°C
- 3 Year Warranty

1. GENERAL DESCRIPTION

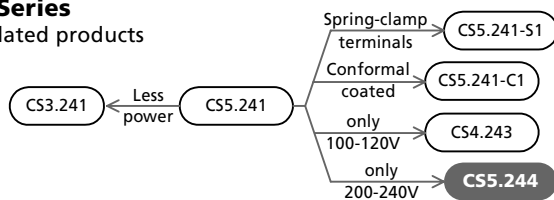
The Dimension C-Series are cost optimized power supplies without compromising quality, reliability and performance. The C-Series is part of the Dimension power supply family, existing alongside the high featured Q-series.

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 CS5.244 is a device for 120-240V mains only. This supports regional applications and offers additional cost savings without sacrificing functionality.

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 200-240V	
Mains frequency	50-60Hz	±6%
AC Input current	typ. 1.17A	at 230Vac
Power factor	typ. 0.5	at 230Vac
AC Inrush current	typ. 30A peak	
DC Input	210-375Vdc	
Efficiency	typ. 90.2%	at 230Vac
Losses	typ. 13.2W	at 230Vac
Temperature range	-10°C to +70°C	operational
Derating	3W/°C	+60 to +70°C
Hold-up time	typ. 80 / 78ms	at 230Vac
Dimensions	32x124x117mm	WxHxD

3. ORDER NUMBERS

Power Supply	CS5.244	Standard unit
Accessory	UF20.241	Buffer module
	YRM2.DIODE	Redundancy module
	ZM1.WALL	Wall mount bracket
	ZM11.SIDE	Side mount bracket

4. MARKINGS

