



POWER SUPPLY

- 100-240V Wide-Range Input
- NEC Class 2 Compliant
- Efficiency up to 89.8%
- Width only 32mm
- Full Output Power Between -25°C and +60°C
- 3 Year Warranty

1. GENERAL DESCRIPTION

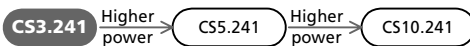
The Dimension C-Series are cost optimized power supplies without compromising quality, reliability and performance. The C-Series is part of the Dimension power supply family, existing alongside the high featured Q-series.

The C series includes all the essential basic functions. The most important features are the small size, the high efficiency and the wide temperature range.

The wide-range-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	3.3A	At 24Vdc
	2.7A	At 28Vdc
Output power	80W	
Output ripple	< 50mVpp	20Hz to 20MHz
Input voltage	AC 100-240V	Wide-range Input
Mains frequency	50-60Hz	±6%
AC Input current	typ. 1.24 / 0.68A	At 120 / 230Vac
Power factor	typ. 0.61 / 0.56	At 120 / 230Vac
AC Inrush current	typ. 23 / 45A	At 120 / 230Vac
DC Input	110-375Vdc	Full output current
	88-110Vdc	Output current max. 2.5A
Efficiency	typ. 88.0 / 89.8%	At 120 / 230Vac
Losses	typ. 11.1 / 9.1W	At 120 / 230Vac
Temperature range	-25°C to +70°C	Operational
Derating	1.8W/°C	+60 to +70°C
Hold-up time	typ. 29 / 120ms	At 120 / 230Vac
Dimensions	32x124x102mm	WxHxD

3. ORDER NUMBERS

Power Supply	CS3.241	Standard unit
Accessory	ZM1.WALL	Wall mount bracket
	ZM11.SIDE	Side mount bracket
	UF20.241	Buffer module
	UB10.241	DC-UPS
	YRM2.DIODE	Redundancy module

4. MARKINGS



Marine, pending



EMC, LVD