

DC Plus™ 600W Power Supply



- Universal input
- 24Vdc @ 25A
- Class 1 Division 2 certified for hazardous location requirements
- Compact DIN rail mounted

The DC Plus™ 600W power supply offers high power in a very compact size. The 24Vdc @ 25A output is delivered by a package requiring just 165mm of DIN rail. The input is 115/230Vac (autoranging) making it suitable for global applications. Other features include a fault

relay, remote on/off, active load sharing for parallel operation of up to 5 units, adjustable output voltage, and short circuit, over voltage and over temperature protection.

Approvals include cCSAus for UL508, UL60950-1, CSA 22.2 No.14 and CSA 60950-1-3, cULus approval for class 1

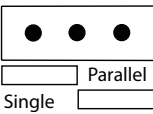
division 2, ATEX for Zone 2 as well as the CE mark.

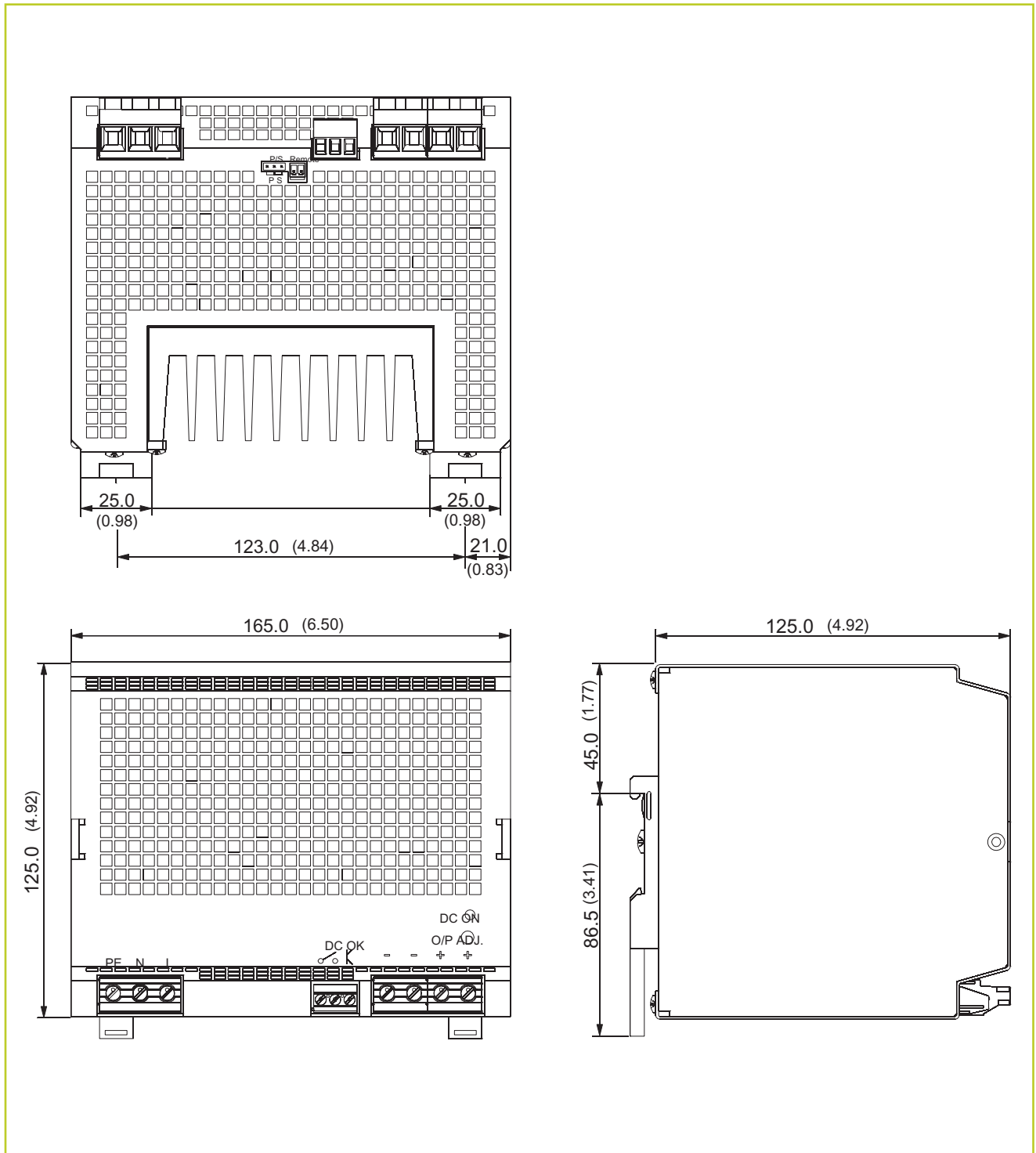
High power, compact and global approvals - what more could you want?

Ordering information:

catalog number: **330202**

SPECIFICATIONS

DC Plus™ 600W	
Input voltage:	85 - 264 Vac
Input frequency:	47 - 63 Hz
Inrush current - 115Vac: - 230Vac:	<25A <30A
Efficiency:	87% typical
Output voltage:	24 - 28 Vdc
Output current:	25A @ 24Vdc
Regulation - line: - load:	0.5% max. 0.5% max.
Ripple:	100mV peak-peak typical 200mV peak-peak max. @ I _{max}
Output overvoltage protection:	35Vdc
Overcurrent recovery:	Automatic restart
Status indicator:	Bicolour LED green = OK, red = fault
Fault relay:	1 form A, normally closed, 30Vdc @ 1A max.
Remote Off:	External control via 2 pin header Open: DC on Closed: DC off
Parallel operation:	Jumper selectable 
Operating temperature:	-25°C....+40°C at I _{max}
De-rating:	20A @ 60°C
Cooling:	Convection, no internal fan
MTBF @ 25°:	>900,000 hours
Terminations:	Power: 26-10AWG / 0.5-4mm ² Fault relay: 28-14AWG / 0.5-1.5mm ²
Approvals:	cCSAus: UL508, UL60950-1, CSA 22.2-No.14, CSA60950-1-1 cULus: UL60079-15-02, CSA60079-15-02, Class 1 Div 2 groups A, B, C and D ATEX: zone 2 EEX n CII C T4U, CE mark
Dimensions D X W X H mm:	125 X 165 X 125
Catalog number:	330202





Other DC Plus™ Power Supplies

DC Plus™ 30W Power Supply

- Universal input
 - 24Vdc @ 1.25A
 - 22.5 mm wide
 - Plug and socket connectors
- Cat. # **330001**



DC Plus™ 180W Power Supply

- Universal input
 - 24Vdc @ 7.5A
 - Class 1 Division 2 certified
 - Requires just 54mm of DIN rail
 - Plug and socket connectors
- Cat. # **330200**



DC Plus™ 360W Power Supply

- Universal input
 - 24Vdc @ 15A
 - 80 mm wide
 - Plug and socket connectors
 - Class 1 Division 2 certified
- Cat. # **330201**