



DC INPUT POWER SUPPLIES



DESCRIPTION

The DC input supply is used for products that are located in environments such as central offices and field locations having a DC power source or applications requiring battery power. The power supply can be used on the SR-08 through SR-32 multiplexers, the SRX multiplexers, the AS-08 through AS-32 Access Switches, DCB LL modems, and DCB SPL multiplexers.

It is a sealed unit having no fan. Models are available having nominal input voltages of 12, 24, or 48 Vdc. Input voltage may be either polarity with respect to ground.

FEATURES

- Models to convert 12, 24, or 48 volts DC to voltages required by DCB equipment (+5, +12, -12 volts DC)
- Works with most DCB products
- Compact size
- Can be used with other products that use the same DIN connector
- Sealed housing, no fan

DCB DC Input Power Supplies

SPECIFICATIONS

General

Models to convert 12, 24, or 48 volts DC to voltages required by DCB equipment(+5, +12, -12 volts DC)

Provides up to 2.5 amps of +5, .310 amps of +12 and -12

Temp range -40 to +90 C

Sealed box, no fan

Electrical

48 Vdc Input model

Max Input Current Under 510 MA

Minimum Input Voltage 36 Vdc

Maximum Input Voltage 72 Vdc

24 Vdc Input model

Max Input Current Under 995 MA

Minimum Input Voltage 18 Vdc

Maximum Input Voltage 36 Vdc

12 Vdc Input model

Max Input Current Under 2160 MA

Minimum Input Voltage 9 Vdc

Maximum Input Voltage 18 Vdc

Connections

Bare wire for terminating to DC source
(Red = +V, Black = -V and earth ground)
5 pin DIN for +5, +12 and -12 volts to DCB products

Physical

1¹/₄" x 5¹/₄" x 2¹/₂"

APPLICATION

These power supplies are used to power DCB products from customer supplied single voltage DC supplies.



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