



The design approach employed by ComNet™ for equipment mounted within the card cage rack unit (C1-CH) with modular power supply (C1PS), provides for the elimination of a single-point failure in the event of a major fault within any module located within the chassis rack. This is accomplished through the use of automatic electronic current limiting within each rack-mountable module, rather than providing the current limiting within the power supply unit which supports the power requirements for equipment located within the rack. In nearly all competing designs, a major fault within a module, located within the chassis rack, results in the power supply unit going into a current limiting condition, and as a result, all of the modules within the rack shut down. The rack design employed by ComNet eliminates this possibility, as only the faulty module shuts down, and the operation of the other modules within the rack continue unimpaired. This automatic current limiting feature is also self-resetting, should the fault or overload be of a temporary or intermittent condition. Furthermore, all modules located within the chassis rack are hot-swappable, so that it is not necessary to power-down the rack when removing or replacing modules.

FEATURES

- › Automatic electronic current limiting feature
- › Voltage transient protection on all power and signal input/output lines provides unconditional protection from power surges and other voltage transient events.
- › (14) Fourteen 1-inch rack slots available
- › All modules located within the chassis rack are hot-swappable
- › Lifetime Warranty

ORDERING INFORMATION

Part Number	Description
C1-US	19" Rack (US AC Power Cord)
C1-EU	19" Rack (EU & UK Power Cord)
C1-IN	19" Rack (US, EU, UK & AU Power Cord)
C1-CH	19" Rack (no power supply)
C1PS	Spare 90-264 VAC Input Power Supply (order power cords separately)
Included Accessories	90-264 VAC Input (includes power supply and power cord) Included with C1-US, C1-EU and C1-IN only
Options	C1-BP – Blank Panel (1") C1-BP2 – Blank Panel (2") C1-BP3 – Blank Panel (3") C1-SA – South African Power Cord C1-AU – Australian Power Cord

SPECIFICATIONS

Electrical

Input Voltage	90-264 VAC @ 70 W Maximum
Output Voltage	9 VDC +/- 5% @ 6.5 Amps @ 75°C

Fusing

1.25 A slow blow (rack power supply)
Plug-in modules individually electronically fused.
Each power supply unit is individually fused.

Power Indicator

Red LED

AC Line Cord

Detachable, IEC-connected. Allows easy field replacement or exchange for various worldwide AC power plug configurations.

Mechanical

Size (L x W x H)	
Rack Mount:	19.0 x 7.5 x 6.9 in. (48.2 x 19 x 17.5 cm)
Rack Slots:	(14) 1-inch slots available
Shipping Weight:	<5 lbs./2.15 kg

Environmental

MTBF	>100,000 hours
Operating Temp	-40° C to +75° C
Storage Temp	-40° C to +85° C
Heat Generation	240 BTU



In a continuing effort to improve and advance technology, product specifications are subject to change without notice.