

rack mount card cage



Description

The design approach employed by ComNet™ for equipment mounted within the model C1 chassis rack unit with integral 115/230 VAC power supply, 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 C1 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

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)

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 (in./cm.) (LxWxH)
 Rack Mount: 19.0 x 7.5 x 6 in.,
 (48 x 19 x 15 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, ambient
 Storage Temp: -40° C to +85° C, ambient
 Heat Generation: 240 BTU

AGENCY COMPLIANCE



LIFETIME



Complies with FDA Performance
 Standard for Laser Products, Title 21,
 Code of Federal Regulations, Subchapter J

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

WARRANTY

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
C1-US (US AC Power Cord)	19" Rack, 90-264 VAC Input (includes US power supply and power cord)
C1-EU (EU & UK Power Cord)	19" Rack, 90-264 VAC Input (includes EU and UK power supply and power cord)
C1-CH	19" Rack, (no power supply)
OPTIONS	
C1-BP	Blank Panel (1")
C1-SA	South African Power Cord
C1-AU	Australian Power Cord