

DIGITAL RUGGED SWITCH PDS-200

MIL-STD 810F, MIL-STD 461E Compliant.

PDS-200

Product Description:

The PRS-200 is a Unit Level Digital Switch designated for field deployment in small and medium size units. Modular in construction, it provides an effective solution for capacities beginning as few as 8 stations, and extending as high as 200+ stations and trunks. Suitable for regiments, battalions and brigade headquarters, the PRS-200 Digital Switch can be connected in a meshed network.

Full Support Through A Digital PCM Switching Matrix

- 128 simultaneous calls.
- Up to 12 wireless RBS (Radio Base Station) units supporting 8 simultaneous calls, each for rapid redeployment and short Time-To-Service.
- Combat Net Radio Integration (CNRI) support.
- Analog and digital stations. ISDN station support.
- DTMF, Dial-Pulse, Magneto and ISDN station signaling.
- Full multimedia, voice, fax, compressed video and data support.
- Up to 38.4 Kbps asynchronous and 64 Kbps synchronous data rates per line. 128 Kbps with ISDN.
- Fully automatic.
- Built-in attendant station. Optional remote attendant.
- Modular construction. Capacity gradually increases through additional cards and Expansion Cabinets (EC).
- Multi-button Feature Phone support (FlexSet/DKT phone series).

Dimensions (HxWxD):

- Base cabinet: 378 x 444 x 267 cm
- Expansion cabinet: 378 x 444 x 267 cm

Weight :

- Base cabinet: < 20kg
- Expansion cabinet: 18 kg

Power: 220/115 VAC and/or 12/24 VDC
70 Watts (fully populated cabinet)

Environmental Characteristics:

Operating temperature: - 20°C to +55°C
Storage temperature: - 25°C to +60°C
Relative humidity: 98% at + 55°C
Environmental condition: per MIL-STD-810
Electromagnetic Compatibility:
Per MIL-STD-461.

Lightning protection: All lines/trunks

Installation Options:

- Table-top Mount
- 19" Rack Mount

MIL-STD Connectors:
MIL-STD Compliant



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