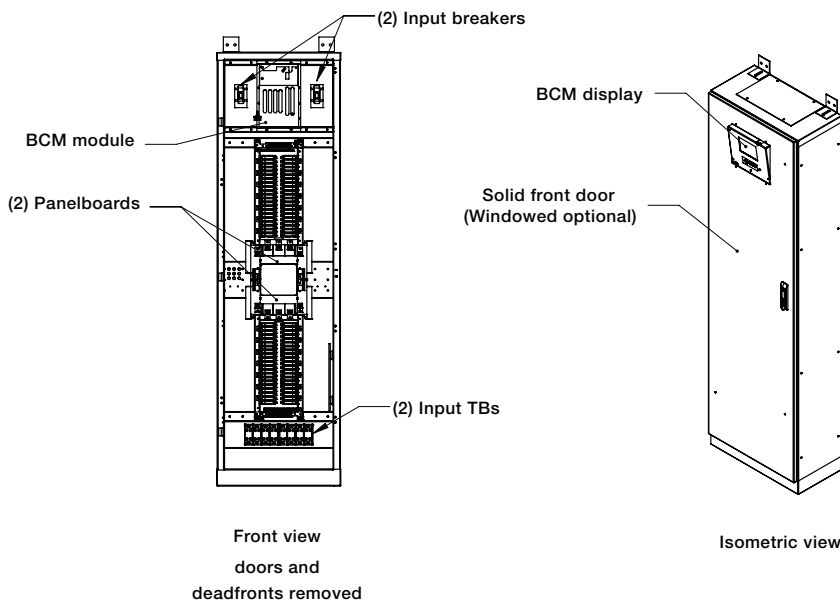


# Cyberex<sup>®</sup> Expansion Distribution Slim (EDS) Power distribution system

Cyberex, an innovative leader in critical power switching and distribution, provides its customers with the most innovative RPP lineup in the industry. The Expansion Distribution Slim (EDS) combines advanced circuit protection and monitoring with one of the smallest, most flexible, footprints available.

## Product features

- Compact footprint minimizes valuable real estate
- Wall mountable for flexibility
- Panelboard options: Up to 400A panelboards by ABB or Square D
- Input connections: main lug only, main circuit breaker
- Top or bottom entry/exit limited
- Circuit management system provides enhanced power data collection
- Remote monitoring interface to building management system



# Circuit management

Designed for performance, flexibility and usability

Take your RPP to the next level by managing your critical loads at the individual branch circuit level. Rely on Cyberex's circuit management solutions to monitor and alert your staff of potential problems before they occur. Understanding load profiles is the key to proactively managing your data center distribution system and avoiding unnecessary downtime.



- Branch circuit management – Up to four (4) 42 circuit panelboards (168 poles)
- Sub-feed circuit management – Up to thirty two (32), 3-wire or twenty four (24), 4-wire sub-feed breakers
- Main-feed circuit management – Up to four (4) sources in multi-fed RPPs can be monitored: phases, neutral and ground

## Advanced communication

- Communicate valuable system data to building management systems (BMS) or local display
- Protocols available: Modbus RTU, Modbus TCP, BACnet to modbus converter, SNMP trap alarm, web server

## Monitor system parameters including:

- Voltage-current (RMS)
- MIN current
- MAX current
- kW (power)
- kVA-load
- Power factor (PF)
- Total harmonic distribution (THD)

## Configure system warnings and alarms including:

- Over/under current
- Over/under voltage
- Over kW
- Over THD
- Low PF
- Phase loss

## EDS RPP product specifications

### Electrical

Input/output	3-phase, 4-wire + ground
Input/output	Voltage 208/120V
Input amperage	225/400A
Panelboards	ABB or Square D, (2) 42 circuit output panelboards
Source breakers	1 or 2 sources
Neutral rating	175%

### Dimensions/weight

EDS RPP	Width 24 in (61 cm)
	Depth 12.9 in (32.8 cm)
	Height 84 in (213.5 cm)
	Weight 250–325 lbs (115–150 kg)

### General

Natural convection cooled
Hinged dead-front panel – split panel
Single point ground

### Communications

Modbus RTU (RS-485)
Modbus TCP
BACnet to modbus converter
SNMP trap alarm
Webserver

### Options

Local high resolution display
Branch circuit monitoring or main-feed circuit monitoring
Surge protective devices
Plug-in or bolt-on branch circuit breakers
Isolated ground
IR ports

### Standards

NEMA and cETL to CSA C22.2 No. 14
ETL listed to UL 508A
FCC compliant (part 15)

For more information please contact:

**Thomas & Betts Power Solutions, LLC**  
A Member of the ABB Group

### Power Protection

5900 Eastport Boulevard  
Richmond, VA 23231-4453 USA  
Tel: +1 800 CYBEREX (292 3739)  
Fax: +1 804 236 4047

[www.tnbpowersolutions.com/cyberex](http://www.tnbpowersolutions.com/cyberex)  
[www.abb.com/ups](http://www.abb.com/ups)

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