

// Emerson offer solutions for DC distribution systems with a wide variety of functionality ... //

DC distribution systems

DC distribution cabinets are often used where a centrally located DC power system provides DC power for communications equipment in several different locations at sites. When DC distribution cabinets are used, installation and cabling is simpler and more efficient. Emerson offers solutions for DC distribution systems with a wide variety of functionality, including dual feed (A and B side) and different load options (such as transient limiting)

Applications

Local distribution for centrally located power systems.

Product contents

Distribution units

- Configurable units with circuit breakers 3-100 A
- Can be equipped with current measuring shunt

Battery connection unit

- For connection to the DC power system
- Can be equipped with fuses or circuit breakers

Alarm and supervision

A standard alarm and supervision function presents current and voltage on analog dials and provides dry contacts for extending alarms. A more advanced computer-based alarm and supervision system is available as an option.



// The flexibility of the system allows easy extension to meet future demands //

DC adaptation system

The adaptation system BZY 201 11 is a supplementary system for transient-limiting distribution of -48 V DC. This system is intended for use in applications where a power plant with low-ohmic distribution provides DC power to mission-critical equipment, such as electronic telecom systems of the AXE type. The flexibility of the system allows easy extension to meet future demands.

Product contents

The main parts of the system are capacitor and diode units, distribution units with circuit breakers and cabinets. Each cabinet also has a central unit for supervising units in the system.