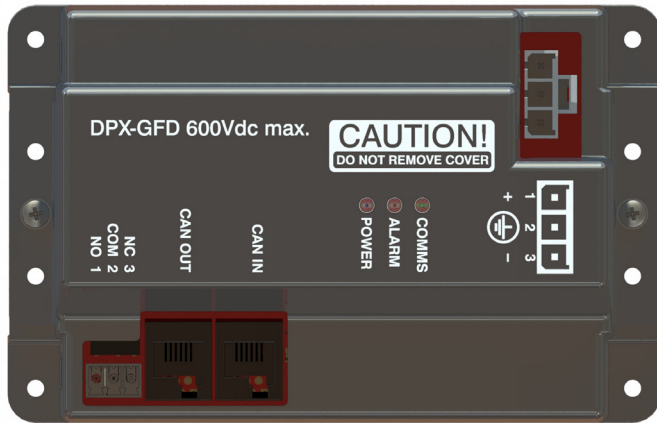




an EnerSys® company

DPX Ground Fault Monitoring Device (GFD)



- High Voltage (220-600 Vdc) ground fault monitoring support using the Cordex® HP family of controllers
- Accurate bus voltage and ground current monitoring for advanced site monitoring
- Form C relay for site alarming
- LED fault indication for visual alarm

The DPX Ground Fault Monitoring Device (GFD) peripheral is a modular ground fault monitoring device used in high voltage applications. It is part of the distributed power transport product family specifically engineered using the new Alliance for Telecommunications Industry Solutions (ATIS) fault managed power distribution technology.

The DPX GFD peripheral provides an accurate bus and current monitoring through a Cordex® HP system controller and ensures effortless operation and management capability to satisfy the most demanding and advanced energy system applications.

Distributed power transport architecture enables operators to deploy their network faster by eliminating the need to have AC utility power at each small cell location. At a central location, the central power hub converts the incoming AC power to fault managed power which is transported over a hybrid or copper only cable to a disconnect box and then to a down converter device located approximately 6000 ft away. This reduces installation and operating expenses, and provides flexibility related to site selection for the installation of the remote communications equipment.

DPX Ground Fault Monitoring Device (GFD)

P/N: 0180088-001

Electrical	
Input Voltage	220 to 600 Vdc
Input Power	3 W
Features	
LEDs	Power: Power present OK (steady blue) Comms: Communications OK (steady green) Alarm: Major alarm (steady red)
Local Alarms	Form C contact (60 Vdc rated)
Mechanical	
Dimensions H × W × D	83.9 × 131 × 39.5 mm (3.3 × 5.2 × 1.6 in)
Weight	0.2 kg (0.4 lb)
Mounting	<ul style="list-style-type: none"> • Wall • DIN rail • Panel
CAN Communication:	RJ12 offset

Environmental	
Temperature	Operation: -40 to 70°C (-40 to 158°F) Storage: -40 to 85°C (-40 to 185°F)
Relative Humidity	5% to 95%
Elevation	Up to 2,000 m (6,562 ft)
Agency Compliance	
Safety	<ul style="list-style-type: none"> • CSA C22.2 No 62368-1 • CE marked (EN 62368-1)
EMC	ETSI 300 386 v1.6.1 Emissions: <ul style="list-style-type: none"> • CFR47 (FCC) Part 15 Class B • ICES-03 Class B • EN55022 (CISPR 22) Class B Immunity: <ul style="list-style-type: none"> • EN 55035 (CISPR 35) • EN 61000-4-2 • EN 61000-4-3 • EN 61000-4-4 • EN 61000-4-6 • EN 61000-4-8

PRELIMINARY



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