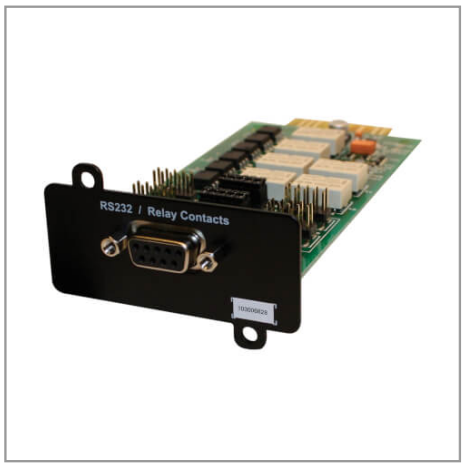
DB9 RS-232 Relay/Serial Interface Mini-Slot Card for Eaton 5PX G2, 9SX, and 9PX Lithium-ion UPS Systems

MODEL NUMBER: **RELAY-MS**



Offers direct communication between UPS systems and any relay-connected computer to protect your equipment by initiating automatic shutdowns.

Highlights

- Easy to install on an Eaton 5PX G2 or 9SX UPS without restarting or shutting down
- Supports dry contacts (relay) and RS-232 serial interface via DB9 connector
- Communicates UPS info to an alarm system, PLC or PC via dry contacts
- UPS shutdown function activated by an external contact or voltage level

System Requirements

- Compatible with Eaton 5P, 5PX, 5PX G2, 9PX, 9PXM, 9SX and 93E UPS systems
- RS-232 cable required

Package Includes

- RELAY-MS DB9 RS-232 Relay/Serial Interface Mini-Slot Card
- Installation manual

Features

Mini-Slot Card Works with Eaton 5PX G2 and 9SX UPS Systems
This RELAY-MS relay/serial interface card offers two types of interfaces via a DB9/RS-232 connector: dry contacts (contact mode) and RS-232 serial interface (RS-232 mode). It enables network monitoring of a connected UPS system through a relay-connected computer. Network monitoring helps protect the computer by initiating automatic shutdowns. Supported Eaton UPS systems include the 5P, 5PX, 5PX G2, 9PX, 9PXM, 9SX and 93E series. No UPS shutdown, restart or load disconnection is necessary to install RELAY-MS.

Ready for Operation in 2 Modes
In contact mode (the default setting), RELAY-MS provides UPS information to an alarm system, programmable logic controller (PLC) or computer via dry contacts (relay). Transmitted information includes load power, load on bypass, load on battery, load on utility, battery fault and low battery. In RS-232 mode (RS-232 cable sold separately), RELAY-MS offers an RS-232 interface for connection to a computer or UPS control display unit.

Specifications

OVERVIEW	
UPC Code	743172038135
CONNECTIONS	
Side A - Connector 1	DB9 (MALE)
Slot Type	Mini-slot
PHYSICAL	

Unit Dimensions (hwd / in.)	1.960 x 9.440 x 5.900
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Relative Humidity	90% RH max. without condensation
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
STANDARDS & COMPLIANCE	
Product Certifications	EN 60950-1; EN 61000; EN 62040-2; IEC/EN 62040
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); RoHS3
WARRANTY & SUPPORT	
Product Warranty Period (U.S. & Canada)	2-year limited warranty

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