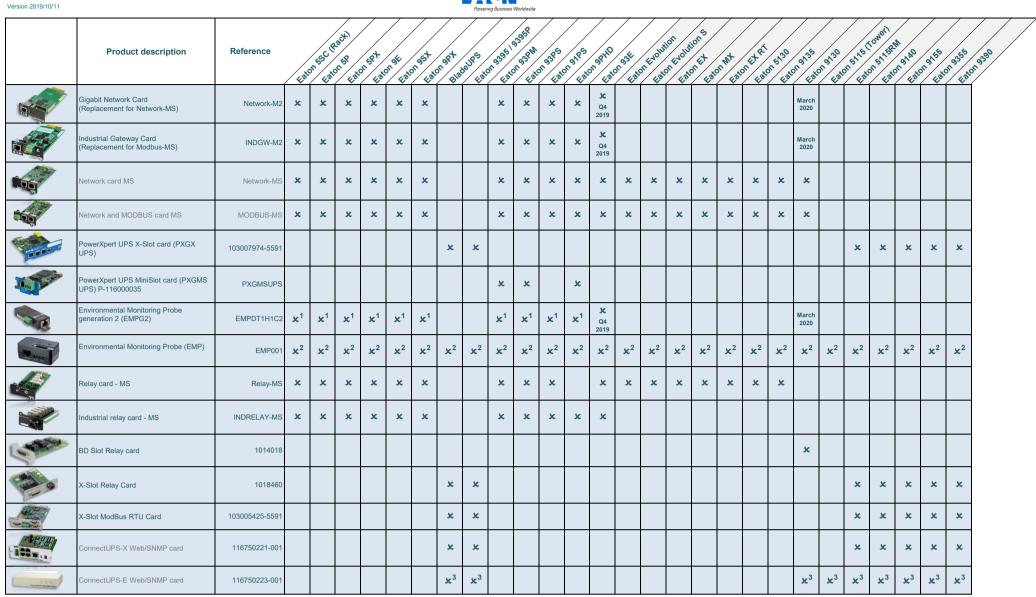
Compatibility with UPS models



F-T-N

x¹ = Only in combination with Network-M2 x² = Only in combination with Network-MS, Modbus-MS, PowerXpert, ConnectUPS x³ = Connected to UPS serial port with cable 1023247 (order separately)

Description

Gigabit Network card (Network-M2)

- Provides Web/SNMP over Gigabit Ethernet interface Installation in Eaton Mini-Slot Enhancement Bay
- Ethernet 10/100/1000BaseT
 - HTTP, HTTPS 1.1, TLS 1.2, SNMP V1, SNMP V3, NTP, SMTP, SMTPS, BOOTP/DHCP IPv4/v6, Telnet, CLI, SSH, ARP

- Highest Cyber Security (UL 2900-2-2 compliant)
 Configuration via USB, DHCP, Telnet, CLI
 Supports up to 3 x optional EMPDT1H1C2 (Temperature, Humidity, 2 x Digital inputs)
- Can be monitored with Eaton Intelligent Power Software - Package contents: Card; Configuration Cable; Manual



Modbus TCP and RTU in adddtion to all the features in the Gigabit Network card - Installation in Eaton Mini-Slot Enhancement Bay - Ethernet 10/100/1000BaseT - HTTP, HTTPS 1.1, TLS 1.2, SNMP V1, SNMP V3, NTP, SMTP, SMTPS, BOOTP/DHCP IPv4/v6, Telnet, CLI, SSH, ARP - MODBUS TCP, MODBUS RTU 2 and 4 wire RS-485 - Highest Cyber Security (UL 2900-2-2 compliant)

Industrial Gateway card (INDGW-M2) New September 2019

- Configuration via USB, DHCP, SSH, CLI
- Supports up to 3 x optional EMPDT1H1C2 (Temperature, Humidity, 2 x Digital inputs)
- Can be monitored with Eaton Intelligent Power Software
 Package contents: Card; Configuration Cable; Manual

Network card MS (Network-MS) EOL Q4/2019

- Provides Web interface and SNMP communication over Ethernet Installation in Eaton Mini-Slot Enhancement Bay (also BD Slot)
- 10/100 Mbit Ethernet
- IP v4 & v6, SNMP v1 & v3, http & https
 Alarms through Email (SMTP)

- Autims tillough Entail (SMTP)
 Automatic Time Synchronisation (NTP)
 Configuration via RS232, DHCP, Telnet, CLI
 Supports optional EMP (Temperature, Humidity, 2 x Digital inputs)
 Can be monitored with Eaton Intelligent Power Software
 Device March 2016 (SMTP)
- Package contents: Card; Configuration Cable; Manual

- Network and MODBUS card MS (MODBUS-MS) EOL Q4/2019 Provides Web interface and SNMP communication over Ethernet and ModBus through RS 485
- Installation in Eaton Mini-Slot Enhancement Bay (also BD Slot)
- 10/100 Mbit Ethernet, MODBUS/JBUS (RTU, RS232 & RS485)
- IP v4 & v6, SNMP v1 & v3, http & https
- Alarms through Email (SMTP)
- Automatic Time Synchronisation (NTP)
 - Configuration via RS232, DHCP, Telnet, CLI
- Supports optional EMP (Temperature, Humidity, 2 x Digital inputs)
- Can be monitored with Eaton Intelligent Power Software
- Package contents: Card; Configuration Cable; Manual

PowerXpert UPS X-Slot card (PXGX UPS) (103007974-5591) nication over Ethernet Provides Web interface, ModBus TCP and SNMP co

- Installation in Eaton X-Slot Enhancement Bay
- 10/100 Mbit Ethernet (2 port hub for daisy chaining)
- IP v4 & v6, SNMP v1 & v3, http & https
- MODBUS TCP
- Alarms through Email (SMTP)
- Automatic Time Synchronisation (NTP)
- Configuration through USB, DHCP
- Supports optional EMP (Temperature, Humidity, 2 x Digital inputs)
- Can be monitored with Eaton Intelligent Power Software
- Package contents: Card; Configuration Cable; Network cable; Manual

PowerXpert UPS MiniSlot card (PXGMSUPS)

Provides Web interface, ModBus TCP, BACNetIP and SNMP communication over Ethernet - Installation in Eaton 93PM MiniSlot Enhancement Bay

- 10/100 Mbit Ethernet
- IP v4 & v6, SNMP v1 & v3, http & https
- MODBUS TCP, BACNet IP, MODBUS 2-wire RS-485
- Alarms through Email (SMTP)
- Automatic Time Synchronisation (NTP)
- Configuration through USB, DHCP
- Supports optional EMP (Temperature, Humidity, 2 x Digital inputs)
- Can be monitored with Eaton Intelligent Power Software
 Package contents: Card; Configuration Cable; Network cable; Manual





	Environmental Monitoring Probe gen 2 (EMPDT1H1C2) - ONLY compatible with Network-M2 and INDGW-M2 Accessory to Network-M2, adds monitoring of temperature, humidity and two digital inputs.
and and the loss	- External device
	- Connects to Eaton Network-M2 through adapter cable (USB - RJ45) - distance up to 50m - Can be daisy chained (up to 3 x EMPG2 per Network-M2)
When the state	- Carl be daisy chained (up to 3 x Emiroz per Network-inz) - Magnets for easy mounting
	- Alarm limits for temperature and humidity can be set in Web cards
	- Two potential free digital inputs - Used as the temperature probe in temperature compensated charging
	- Facilitates graceful shutdown of servers in case of unacceptable environmental conditions or contact closure change
	- Can be monitored with Eaton Intelligent Power Software through Web cards or ePDUs - Package contents: EMP; USB-RJ45 adapter Cable(35cm); RJ45 extension adapter, Mounting accessories, Manual
	Environmental Monitoring Probe (EMP001) - NOT compatible with Network-M2 or INDGW-M2
	Accessory to Web cards and select ePDUs, adds monitoring of temperature, humidity and two digital inputs. - External device
a state of the sta	- Connects to Eaton Web cards and select ePDUs through RJ45 Cat 5 patch cable (1,5 m provided, 20 m max)
	- Alarm limits for temperature and humidity can be set in Web cards - Two potential free digital inputs
	- Used as the temperature probe in temperature compensated charging
010101 UJ L3	- Facilitates graceful shutdown of servers in case of unacceptable environmental conditions or contact closure change
	- Can be monitored with Eaton Intelligent Power Software through Web cards or ePDUs - Package contents: EMP; RJ45 Cable(1,5m); Mounting accessories, Manual
	Relay card MS (Relay-MS) Provides communication through voltage free relays or RS-232.
	- Installation in Eaton Mini-Slot Enhancement Bay
	- 1 x 9-pin Dsub connector - 1 x RS232 or 5 x Relay output / 1 x Input
	- Package contents: Card; Manual
Aller Contraction	Industrial relay card MS (INDRELAY-MS)
	Provides communication through voltage free relays.
One of the other o	- Installation in Eaton 93PM or 93E Mini-Slot Enhancement Bay
Polatikal Roky Court	- Terminal connectors, 250 VAC/5A rating - 5 x Relay output / 1 x Input
	- Package contents: Card; Manual
Kilderossi Contraction	
	BD-Slot Relay Card (1014018) Provides communication through voltage free contacts.
	- Installation in Eaton BD-Slot Enhancement Bay (Eaton 9130)
	- 1 x 15-pin Dsub Connector
And a second sec	- 4 Switching Relays (both NO and NC) / 1 x Digital Input
C.	- 12VDC unregulated voltage supply
-	- Package contents: Card; Manual
	X-Slot Relay Card (1018460)
a fame	Provides communication through voltage free contacts. - Installation in Eaton X-Slot Enhancement Bay
	- Instantion in Eaton Association and Contraction Days
	- 4 Switching Relays (both NO and NC) / 1 x Digital Input
and have been a state	- 12VDC unregulated voltage supply - Package contents: Card; Manual
2 2	- Fackage contents. Card, Ivandar
- C. Man	X-Slot MODBUS Card (103005425-5591)
And the second s	Provides MODBUS RTU communication. - Installation in Eaton X-Slot Enhancement Bay
and the second se	- MODBUS/JBUS (RTU, RS232 & RS485)
or Cord	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block
	- MODBUS/JBUS (RTU, RS232 & RS485)
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual
	MODBUS/JBUS (RTU, RS232 & RS485) S x 9-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - IP v4, SNMP v1, http & https - SNMP v1, http -
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SMMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Alarms through Email (SMTP)
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - IP v4, SNMP v1, http & https - SNMP v1, http -
	 MODBUS/JBUS (RTU, RS232 & RS485) 3 x 9-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SMMP communication over Ethernet Installation in Eaton X-Slot Enhancement Bay 10/100 Mbit Ethernet (4-Port-Hub) IP v4, SNMP v1, http & https Alarms through Email (SMTP) Automatic Time Synchronisation (NTP) Configuration (NTP) Supports optional EMP (Temperature, Humidity, 2 x Digital inputs)
	 MODBUS/JBUS (RTU, RS232 & RS485) 3 x 9-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet Installation in Eaton X-Slot Enhancement Bay 10/100 Mbit Ethernet (4-Port-Hub) IP v4, SNMP v1, http & https Alarms through Email (SMTP) Automatic Time Synchronisation (NTP) Configuration through RS232, DHCP, Telnet
	 MODBUS/JBUS (RTU, RS232 & RS485) 3 x 9-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet Installation in Eaton X-Slot Enhancement Bay 10/100 Mbit Ethernet (4-Port-Hub) IP v4, SNMP v1, http & https Alarms through Email (SMTP) Automatic Time Synchronisation (NTP) Configuration through RS232, DHCP, Telnet Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) Can be monitored with Eaton Intelligent Power Software
	 MODBUS/JBUS (RTU, RS232 & RS485) 3 x 9-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet Installation in Eaton X-Stot Enhancement Bay 10/100 Mbit Ethernet (4-Port-Hub) IP v4, SNMP v1, http & https Alarms through Email (SMTP) Aurms through Email (SMTP) Configuration through RS232, DHCP, Telnet Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) Can be monitored with Eaton Intelligent Power Software Package contents: Card; Configuration Cable; Manual ConnectUPS-E Web/SNIMP adapter (116750223-001)
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Alarms through RS232, DHCP, Telnet - Suports optional EMP (Temperature, Humidity, 2 x Digital inputs) - Configuration through RS232, DHCP, Telnet - Suports optional EMP (Temperature, Humidity, 2 x Digital inputs) - Can be monitored with Eaton Intelligent Power Software - Package contents: Card; Configuration Cable; Manual ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web interface and SNMP communication over Ethernet
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS32 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web Interface and SNMP communication over Ethernet - Installation in Eaton X-Stot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Automatic Time Synchronisation (NTP) - Automatic Time Synchronisation (NTP) - Configuration Trough RS32, DHCP, Teinet - Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) - ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web Interface and SNMP communication over Ethernet - External
	- MODBUS/UBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Slot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Alarms through Email (SMTP) - Automatic Time Synchronisation (NTP) - Configuration Intelligent Power Software - Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) - ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web interface and SNMP communication over Ethernet - Package contents: Card; Configuration Cable; Manual - Out of support. Replaced by PowerXpert UPS X-Slot card (PXGX UPS) (103007974-5591) ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web Interface and SNMP communication over Ethernet - External - 10/100 Mbit Ethernet - IP v4, SNMP v1, http & https
	- MODBUS/JBUS (RTU, RS232 & RS485) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web interface and SNMP communication over Ethernet - Installation in Eaton X-Siot Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Configuration through RS232, DHCP, Telnet - Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) - ConsectUPS-E Web/SNMP adapter (116750223-001) Provides web interface and SNMP communication over Ethernet - Package contents: Card; Configuration cable; Nanual ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web interface and SNMP communication over Ethernet - External - 10/100 Mbit Ethernet - PackageN interface and SNMP communication over Ethernet - Package contents: Card; Configuration through RS232, DHCP, Telnet - Support soptional EMP (Temperature, Humidity, 2 x Digital inputs) - Configuration through RS232, DHCP, Source Cable; Manual - Out of support. Replaced by PowerXpet UPS - X-Slot card (PXGX UPS) (103007974-5591) ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web interface and SNMP communication over Ethernet - External - 10/100 Mbit Ethernet - IP v4, SNMP v1, http & https - Alarma through Email (SMTP)
	 MODBUS/IBUS (RTU, RS232 & RS465) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web Interface and SNMP communication over Ethernet - Installation in Eaton X-Slet Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Automatic Time Synchronisation (NTP) - Configuration through RS232, DHCP, Teinet - Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) - Can be monitored with Eaton Intelligent Power Software - Package contents: Card; Configuration cable; Manual - Out of support. Replaced by PowerXpert UPS X-Slot card (PXGX UPS) (103007974-5591) ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web Interface and SNMP communication over Ethernet - External - 10/100 Mbit Ethernet - IP v4, SNMP v1, http & https - Automatic Time Synchronisation (NTP) - Konfiguration via R5232, DHCP, Teinet
	 MODBUS/,IBUS (RTU, RS232 & RS485) 3 x 8-pin Dsub connectors; 5 wire terminal block Configuration through RS232 and DIP switches Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web Interface and SMMP communication over Ethernet Installation in Eaton X-Slot Enhancement Bay 10/100 Mbit Ethernet (4-Port-Hub) Automatic Time Synchronisation (NTP) Configuration through RS232, DHCP, Teinet Potor Synchronisation over Ethernet Package contents: Card; Configuration Cable; Manual
	 MODBUS/IBUS (RTU, RS232 & RS465) - 3 x 9-pin Dsub connectors; 5 wire terminal block - Configuration through RS232 and DIP switches - Package contents: Card; Configuration Cable; Manual ConnectUPS-X Web/SNMP card (116750221-001) Provides Web Interface and SNMP communication over Ethernet - Installation in Eaton X-Slet Enhancement Bay - 10/100 Mbit Ethernet (4-Port-Hub) - IP v4, SNMP v1, http & https - Automatic Time Synchronisation (NTP) - Configuration through RS232, DHCP, Teinet - Supports optional EMP (Temperature, Humidity, 2 x Digital inputs) - Can be monitored with Eaton Intelligent Power Software - Package contents: Card; Configuration cable; Manual - Out of support. Replaced by PowerXpert UPS X-Slot card (PXGX UPS) (103007974-5591) ConnectUPS-E Web/SNMP adapter (116750223-001) Provides Web Interface and SNMP communication over Ethernet - External - 10/100 Mbit Ethernet - IP v4, SNMP v1, http & https - Automatic Time Synchronisation (NTP) - Konfiguration via R5232, DHCP, Teinet