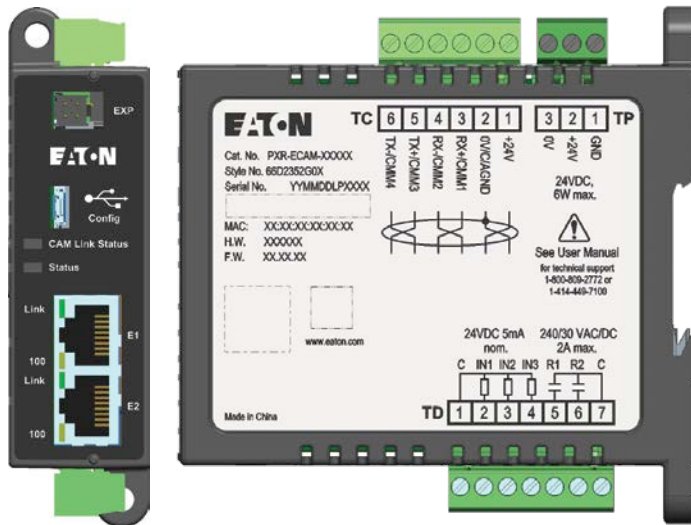


Communication adapter modules provide enhanced capabilities for PXR electronic trip units



Designed for use with Series NRX™ NF- and RF-frame power air circuit breakers and Power Defense™ molded case circuit breakers, the Power Xpert™ Release (PXR) communications adapter module (CAM) expands the communication capabilities of PXR electronic trip units.

When used in conjunction with an IoT-based system, the PXR-CAMs allow for greater visibility into the facility, process or machine, thus adhering to the design principles of Industry 4.0.

Features and benefits

- Supports Modbus® TCP/IP (PXR-ECAM-MTCP) or PROFIBUS® DP (PXR-PCAM) protocols
- Improve safety with remote breaker control via programmable discrete I/O
- Provides intuitive HTML5 Web interface to simplify configuration and monitoring (ECAM only)
- Small, DIN rail mounted design with removable terminal blocks offers space savings and ease of installation and maintenance
- Easy setpoint recall with localized data storage for increased efficiency during maintenance (ECAM only)
- Save time with easy configuration via USB connection
- At-a-glance troubleshooting with front-facing status LEDs that alert the user to communication status and alarms
- Two RJ45 ports allow daisy-chaining to simplify assembly wiring (ECAM only)
- Compatible with Series NRX Digitrip™ electronic trip units

Catalog numbers

Communication protocol	Catalog number
Modbus TCP	PXR-ECAM-MTCP
PROFIBUS	PXR-PCAM

Trip unit communications pinout (TC)

TC connection pin	Signal
1	+24V
2	0V/C/AGND
3	RX+/CMM1
4	RX-/CMM2
5	TX+/CMM3
6	TX-/CMM4

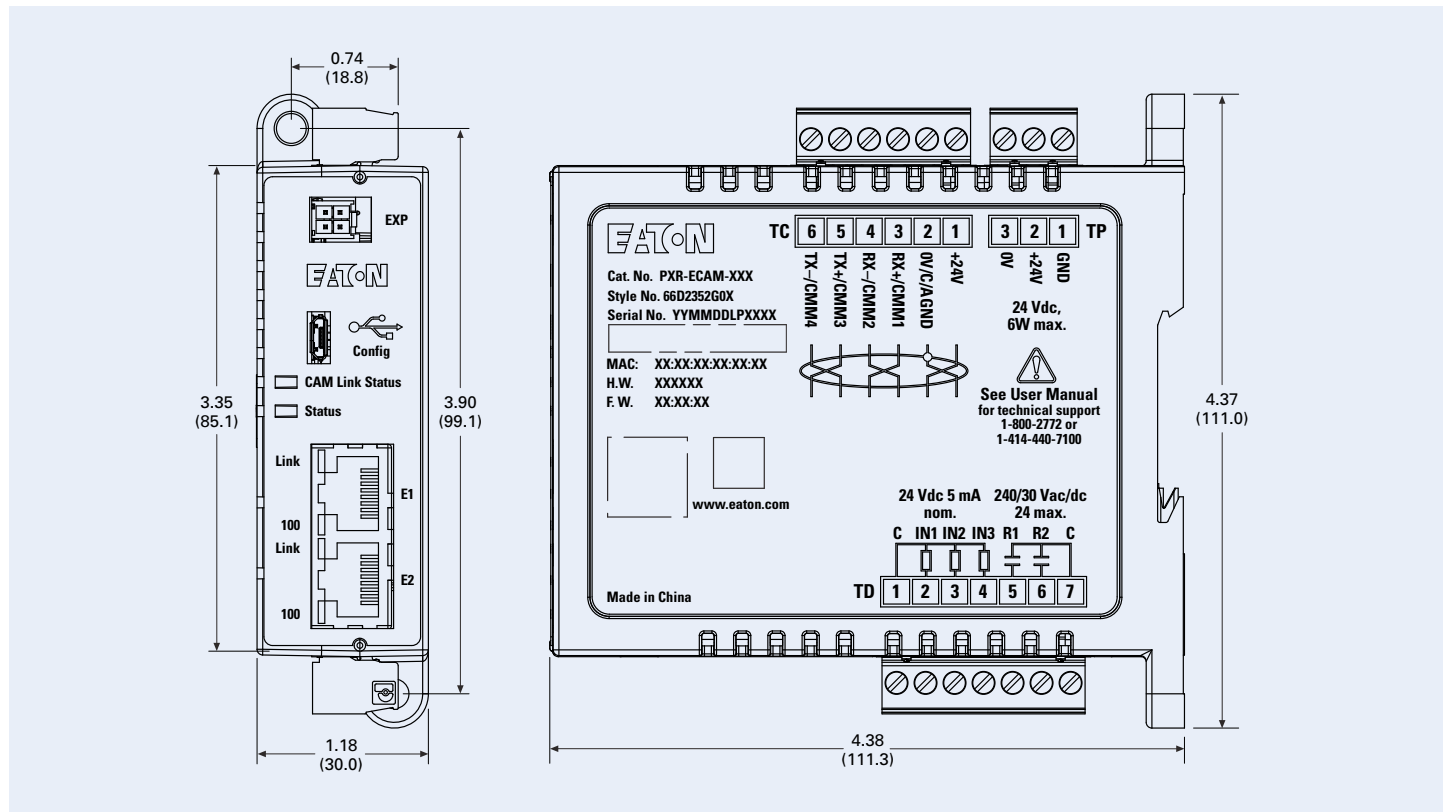
Power connection pinout (TP)

TP connection pin	Signal
1	GND
2	+24V
3	0V (24 V return)

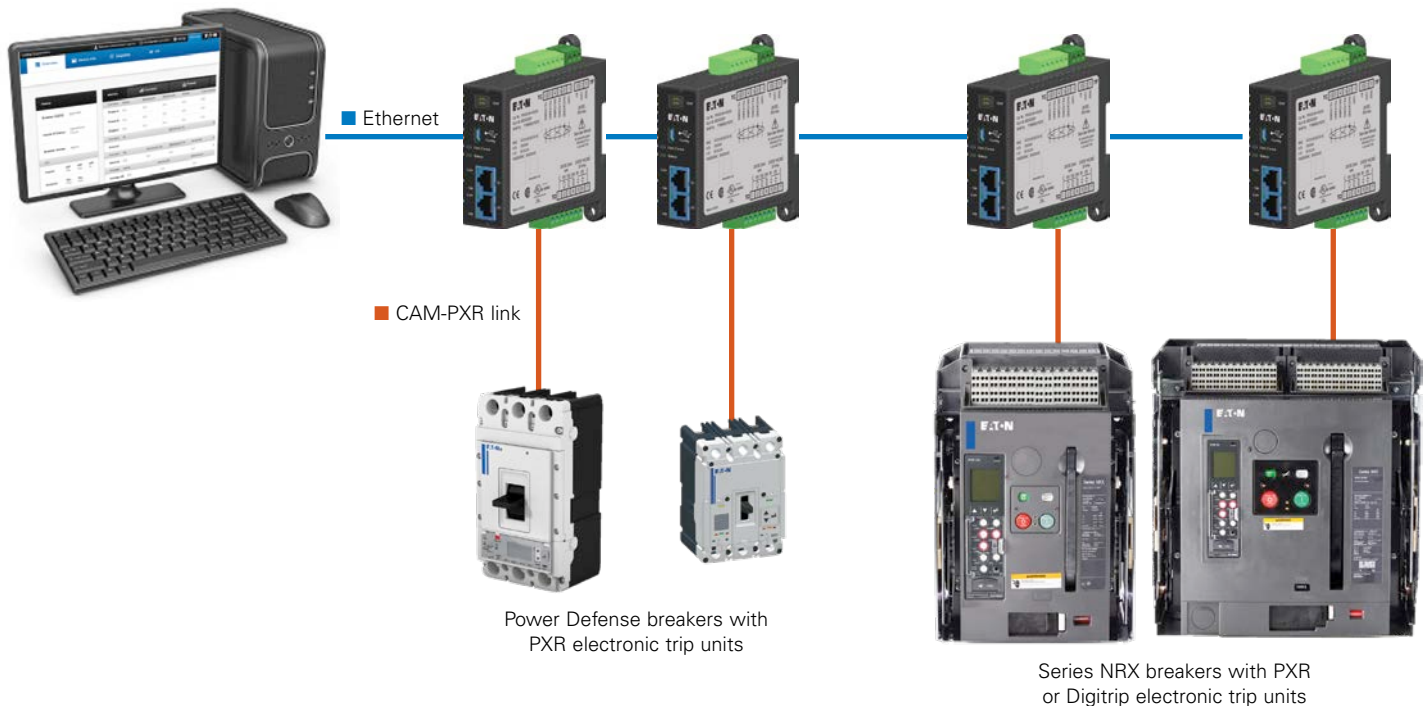
I/O connections pinout (TD)

TD connection pin	Signal	
1	C	24 Vdc input 5 mA nominal
2	IN1	
3	IN2	
4	IN3	
5	R1	Rated for 240 Vac/30 Vdc 2 A maximum
6	R2	
7	C	

Dimensions in inches (mm)



System communications architecture overview



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