

# ECX-PoE-PE

## Power-Extractor for InRailBus

- 24 VDC power supply for InRailBus via Power over Ethernet
- Applicable with ECX and CBX units
- Designed for hat-rail mounting

### Power-Extractor

The ECX-PoE-PE is a power extractor that provides 24 V power supply voltage for the InRailBus. It can be used for ECX and CBX units.

The power supply voltage is fed via the Ethernet lines (PoE).

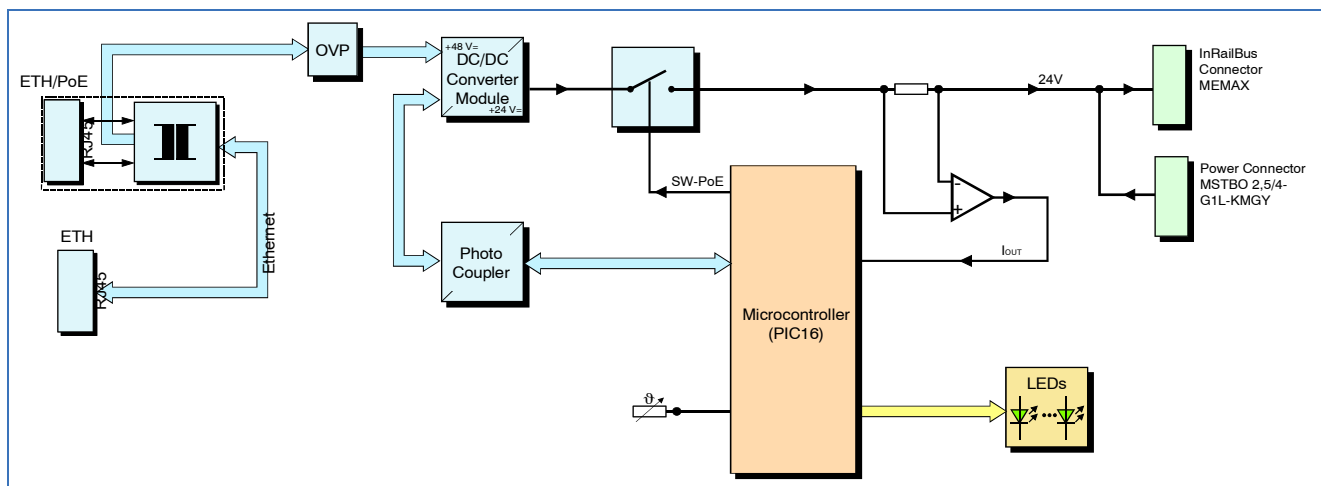
The module is designed for hat-rail mounting in a control enclosure. The connectors and status LEDs are mounted in the front panel.

### Physical Interfaces

The ECX-PoE-PE supports IEEE 802.03at (PoE+, layer 1 only), and is compatible with IEEE 802.03af (Class 4).

Ethernet data (10/100/1000BASE-T) is electrically passed through.

The ECX-PoE-PE comes with LEDs which indicate the state of operation and the states of the temperature- and the output current control.



### Technical Specifications:

<b>Microcontroller:</b>	
Microcontroller:	PIC16, 8 MHz
<b>Data&amp;Data/PoE interfaces:</b>	
Ethernet:	data (10/100/1000BASE-T), electrically passed through
PoE supply:	according to IEEE 802.03at (PoE+, only layer 1 is supported), and compatible with IEEE 802.03af (Class 4)

<b>General:</b>	
Input voltage:	36 - 57 VDC
Output voltage:	24 VDC ±5%
Power output:	maximum 24 W (Derating from approx. 35° C)
Operating temperature:	- 20 ... + 60° C
Protection class:	IP20
CE-Conformity:	according to EU-Directive 2004/108/EG (2004-12-15)
Dimensions:	22.5 mm x 99 mm x 114.5 mm
Weight:	ca. 132 g
Connectors:	InRailBus: TBUS connector Data & Data/PoE: 2x RJ45 Power: 4-pin spring force plug 5.08

<b>Order information:</b>		
Designation		order no.
ECX-PoE-PE	Power-Extractor for InRailBus, applicable with ECX and CBX units	E.3020.02