

# ECX-PoE-PE

## Power-Extractor for InRailBus

### 24 VDC Power Supply for InRailBus via Power over Ethernet

- 24 VDC output voltage with a maximum of 24 W power output

### DIN Rail Mounted Power Extractor

- Designed for DIN-EN carrier rail mounting (TS 35)
- InRailBus technology combines high ease of use and proven reliability

### Applicable with ECX and CBX Units

### 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).

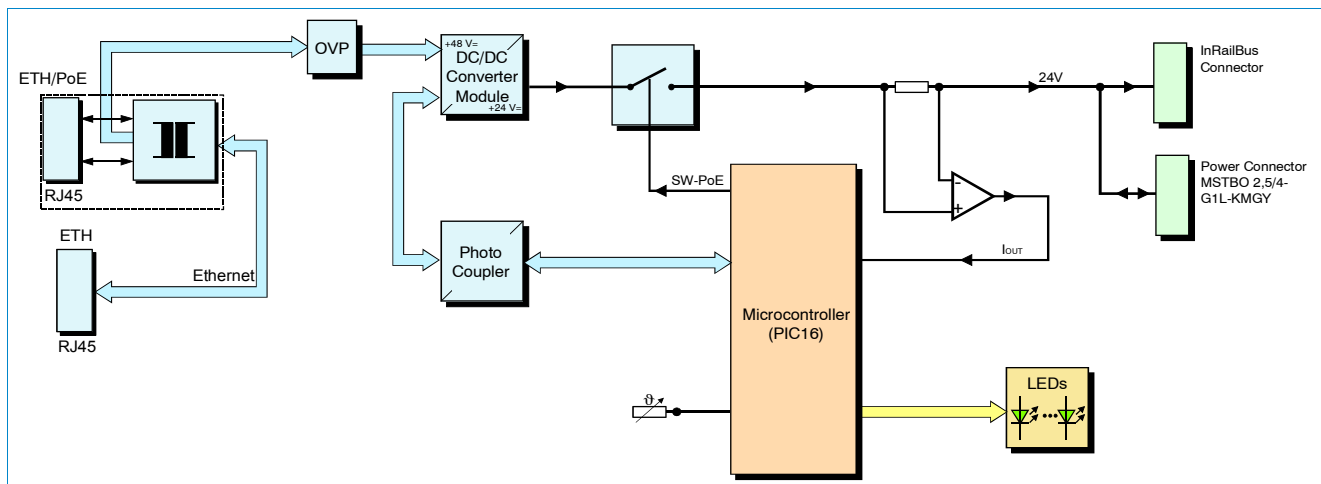
The module is designed for hat-rail mounting in a control enclosure. The connectors and status LEDs are mounted in the front panel.

### 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 $\pm$ 5%
Power output	maximum 24 W (Derating from approx. 35° C)
Power dissipation	max. 5.5W @ 55V

<b>General (continued):</b>	
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>	
Hardware	Order No.
ECX-PoE-PE	Power-Extractor for InRailBus, applicable with ECX and CBX units E.3020.02