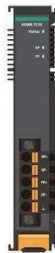


Item no.: 387419

## 45MR-7210-T - Module for the ioThinX 4500 Series, system and field power inputs, -40 to 75C op

from **179,90 EUR**

Item no.: 387419  
shipping weight: 0.10 kg  
Manufacturer: MOXA



### Product Description

Moxa's advanced controllers and I/O products make it easier to realize complex IIoT applications such as energy management, factory machine management, transportation management, and remote asset management through expandable communication and high-performance data acquisition and control capabilities. Use the ioThinX 4500 Series Power Calculator to calculate how many power modules are needed for your application.

**45MR-7210-TioThinX 4500 Series (45MR) Modules**  
Module for the ioThinX 4500 Series, system and field power inputs, -40 to 75°C operating temperature

**Input/Output Interface**  
System Power Input Channels- 1  
Field Power Input Channels- 1  
System Power Parameters  
Power Connector- Spring-type Euroblock terminal  
No. of Power Inputs- 1  
Input Voltage- 12 to 48 VDC  
Output Current- 1 A (max.)  
Power Consumption- 800 mA @ 12 VDC  
Over-Voltage Protection- 55 VDC  
Over-Current Protection- 1 A @ 25°C  
Field Power Parameters  
Power Connector- Spring-type Euroblock terminal  
No. of Power Inputs- 1  
Input Voltage- 12/24 VDC  
Output Current- 2 A (max.)  
Over-Current Protection- 2.5 A @ 25°C  
Over-Voltage Protection- 33 VDC  
Power Consumption  
System Power- 45 mA @ 24 VDC

**Physical Characteristics**  
Housing- Plastic  
Dimensions- 19.5 x 99 x 60.5 mm (0.77 x 3.90 x 2.38 in)  
Weight- 77 g (0.17 lb)  
Installation- DIN-rail mounting  
Strip Length- I/O cable, 9 to 10 mm  
Wiring- 12 to 18 AWG  
Environmental Limits  
Operating Temperature- -40 to 75°C (-40 to 167°F)  
Storage Temperature (package included)- -40 to 85°C (-40 to 185°F)  
Ambient Relative Humidity- 5 to 95% (non-condensing)  
Altitude- Up to 4000 meters  
Standards and Certifications  
EMC- EN 55032/35  
EMI- CISPR 32, FCC Part 15B Class A  
EMS- IEC 61000-4-2  
ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3  
RS: 80 MHz to 1 GHz; 3 V/m- IEC 61000-4-4  
EFT: Power: 1 kV; Signal: 0.5 kV- IEC 61000-4-5  
Surge: Power: 2 kV; Signal: 1 kV- IEC 61000-4-6  
CS: 3 V- IEC 61000-4-8  
PFMF  
Shock- IEC 60068-2-27  
Vibration- IEC 60068-2-6  
Safety- UL 61010-2-201  
Hazardous Locations- ATEX, Class I Division 2  
Declaration  
Green Product- RoHS, CRoHS, WEEE  
MTBF- 2,550,077 hrs  
Standards- Telcordia SR332

### Specifications

Scan this QR code to view the product

All details, up-to-date prices and availability

