



### Main

Range of product	Modicon X80
Accessory / separate part type	Ruggedized rack
Product specific application	For severe environments

### Complementary

Number of slots	6 bus X + Ethernet
Product compatibility	BMX processor Specific application module BMXCPS4002 BME processor I/O module
Power consumption in W	191 MW 3.3 V DC 3.6 W 24 V DC
Electrical connection	1 connector (XBE) expansion module
Fixing mode	By 4 screws - diameter: 4.32...6.35 mm, mounting on panel By 4 M6 screws, mounting on plate By clips, mounting on 35 mm symmetrical DIN rail
Current consumption	152 mA at 24 V DC 58 mA at 3.3 V DC
MTBF reliability	201000 H
Net weight	1.02 kg

### Environment

IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C
Relative humidity	5...95 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22
Standards	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 EN/IEC 61000-6-5, interface type 1 and type 2 EN/IEC 61850-3, location G EN/IEC 60079-0

Environmental characteristic	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2
Protective treatment	Conformal coating

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.033 kg
Package 1 Height	7 cm
Package 1 width	15.5 cm
Package 1 Length	46 cm
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Weight	10 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins