

### Main

Range of product	Modicon X80
Accessory / separate part type	Rack

### Complementary

Number of slots	4 bus X + Ethernet
Product compatibility	I/O module BMX processor Specific application module BMXCPS power supply BME processor
Power consumption in W	162 MW 3.3 V DC 2.8 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	49 mA at 3.3 V DC 118 mA at 24 V DC
MTBF reliability	2000000 H
Net weight	0.705 kg

### Environment

IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	5...95 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

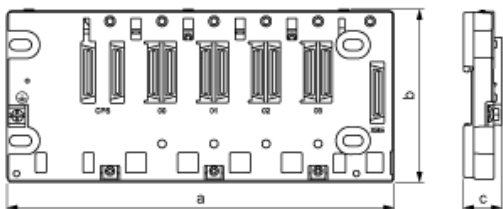
### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	710 g
Package 1 Height	6.8 cm
Package 1 width	15.4 cm
Package 1 Length	32 cm
Unit Type of Package 2	S04
Number of Units in Package 2	13
Package 2 Weight	9.308 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

Dimensions



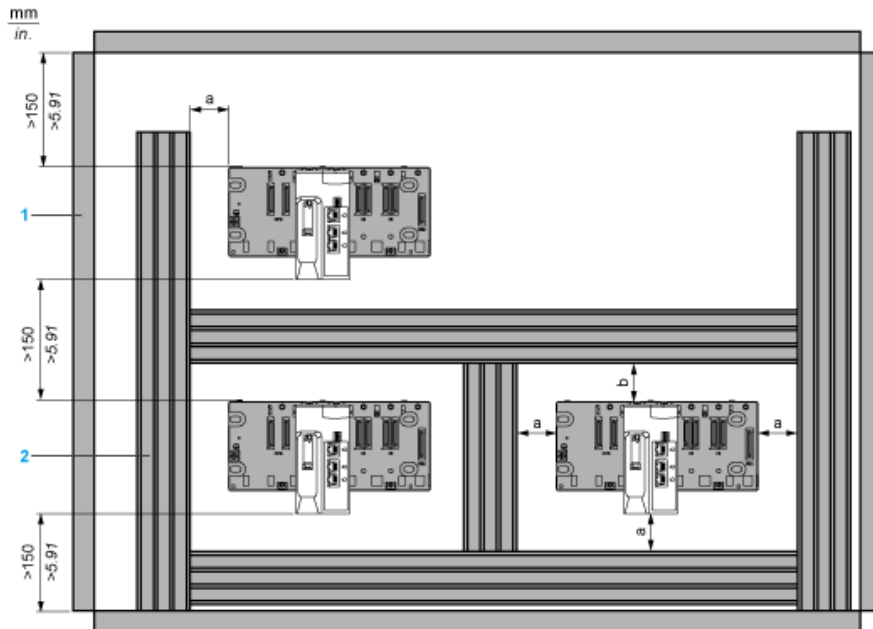
Dimensions in mm

a		b	c
Empty Rack	Rack With Extender Module Mounted	105.11 NOTE: Overall height is 134.6 with a CPU mounted.	19
242.4	243.58		

Dimensions in in.

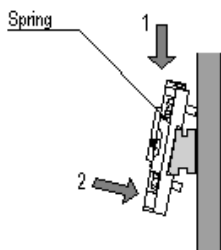
a		b	c
Empty Rack	Rack With Extender Module Mounted	4.14 NOTE: Overall height is 5.30 with a CPU mounted.	0.75
9.54	9.59		

Minimum Clearance

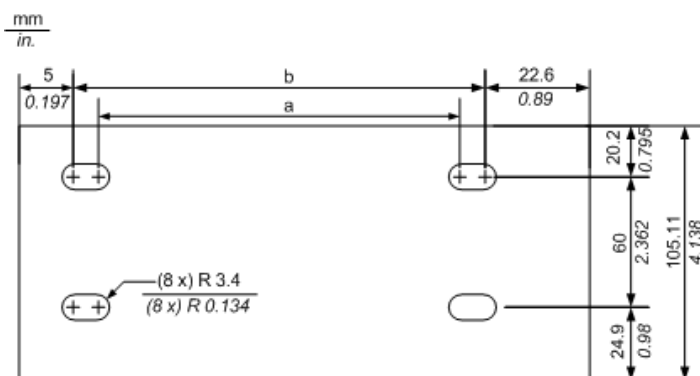


- 1 Installation or casing
- 2 Wiring duct or tray
- a Side and bottom clearance: > 60 mm (2.36 in.)
- b Top clearance: > 80 mm (3.15 in.)

Mounting a Rack on a DIN rail



Mounting and Fastening the Rack on Panels



NOTE: You can use M4, M5, M6, or UNC #6 screws in the fastening holes.

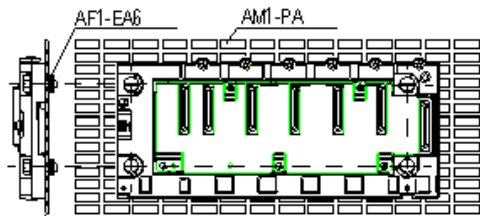
Dimensions in mm

a	b
202.1	214.8

Dimensions in in.

a	b
7.95	8.45

### Mounting on Tequick Grid AM1-PA and AM3-PA Mounting Grids



Fasten the rack with four M4, M5, M6 or UNC #6 screws