

Main

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

Complementary

Number of slots	4 bus X 8 bus X + Ethernet
Product compatibility	BMXCPS power supply I/O module Specific application module BMEP58... processor
Power consumption	3.9 W
Electrical connection	1 connector (XBE) on expansion module
Fixing mode	By clips, mounting on 35 mm symmetrical DIN rail By 4 M6 screws, mounting on plate By 4 screws - diameter: 4.32...6.35 mm, mounting on panel
Current consumption	86 mA at 3.3 V DC 164 mA at 24 V DC
MTBF reliability	1500000 H
Product weight	1.377 kg

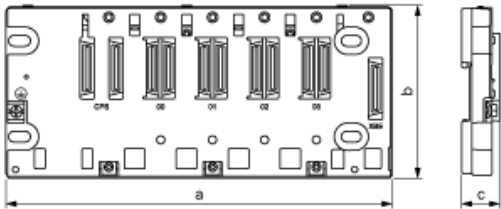
Environment

IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C
Relative humidity	5...95 % without condensation
Protective treatment	Conformal coating Humiseal 1A33 TC
Environmental characteristic	3C4 conforming to EN/IEC 60721-3-3 3C3 conforming to EN/IEC 60721-3-3

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1342 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

Dimensions



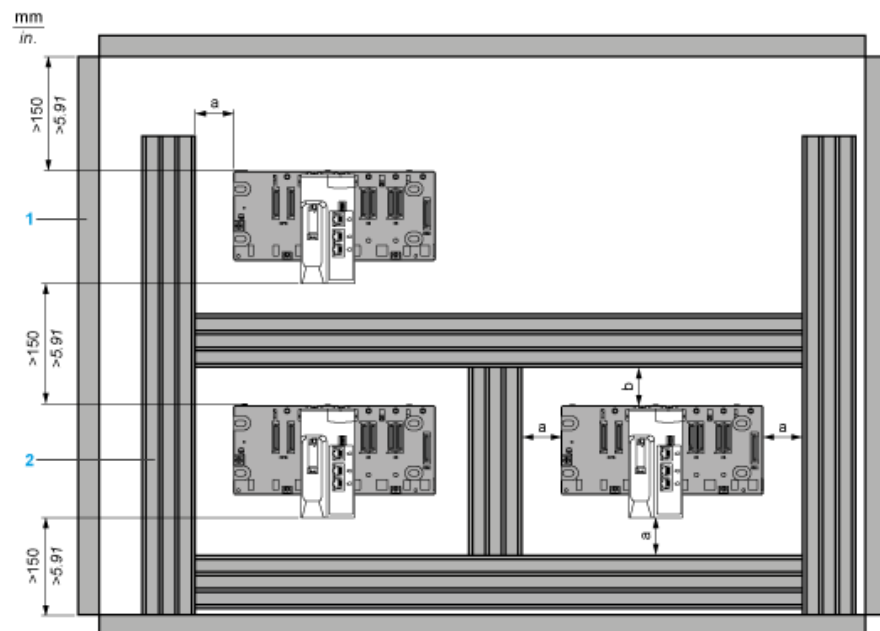
Dimensions in mm

a		b	c
Empty Rack	Rack With Extender Module Mounted		
503.2	504.38	105.11 NOTE: Overall height is 134.6 with a CPU mounted.	19

Dimensions in in.

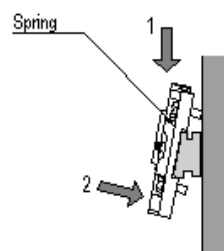
a		b	c
Empty Rack	Rack With Extender Module Mounted		
19.81	19.85	4.14 NOTE: Overall height is 5.30 with a CPU mounted.	0.75

Minimum Clearance

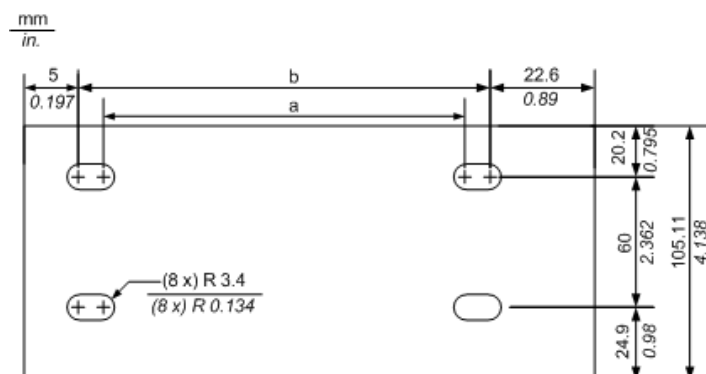


- 1 Installation or casing
- 2 Wiring duct or tray
- a Side and bottom clearance: > 60 mm (2.36 in.)
Top clearance: > 80 mm (3.15 in.)
- b Top clearance: > 80 mm (3.15 in.)

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.

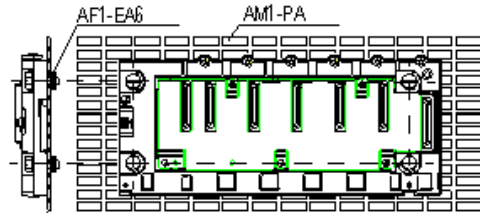
Dimensions in mm

a	b
462.9	475.6

Dimensions in in.

a	b
18.22	18.72

Mounting on Telequick Grid AM1-PA and AM3-PA Mounting Grids



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