

Product data sheet

Specifications



connection sub-base ABE7 - for distribution of 4 thermocouples

ABE7CPA412

Main

Range of product	Modicon ABE7
Product or component type	Connection sub-base for analogue channels
Number of channels	4
Connections - terminals	Screw type terminals, 1 x 0.09...1 x 1.5 mm² (AWG 28...AWG 16) flexible with cable end Screw type terminals, 1 x 0.14...1 x 2.5 mm² (AWG 26...AWG 12) solid Screw type terminals, 1 x 0.14...1 x 2.5 mm² (AWG 26...AWG 14) flexible without cable end Screw type terminals, 2 x 0.09...2 x 0.75 mm² (AWG 28...AWG 20) flexible with cable end Screw type terminals, 2 x 0.2...2 x 2.5 mm² (AWG 24...AWG 14) solid

Complementary

Function of module	Distribution of 4 thermocouples, compatible with Modicon M340
Product compatibility	Modicon M340 BMXART0414 Modicon M340 BMXART0814
Connection to PLC	SUB-D 25
Fixing mode	By clips (35 mm symmetrical DIN rail) By screws (solid plate with fixing kit)
[UI] rated insulation voltage	2000 V terminals/mounting rails
Installation category	II conforming to IEC 60664-1
Tightening torque	0.6 N.m with flat Ø 3.5 mm screwdriver
Product weight	0.18 kg

Environment

Product certifications	GL CSA UL DNV
IP degree of protection	IP20 conforming to IEC 60529
Resistance to incandescent wire	750 °C, extinction time <30 s conforming to IEC 60695-2-11
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	2 gn (f= 10...150 Hz) conforming to IEC 60068-2-6
Resistance to electrostatic discharge	4 kV (contact) level 3 conforming to IEC 61000-4-2 8 kV (air) level 3 conforming to IEC 61000-4-2
Resistance to radiated fields	10 V/m (26000000...1000000000 Hz) conforming to IEC 61000-4-3 level 3
Resistance to fast transients	2 kV level 3 conforming to IEC 61000-4-4
Ambient air temperature for operation	0...60 °C conforming to IEC 61131-2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for storage	-40...80 °C conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	8.200 cm
Package 1 Length	9.500 cm
Package 1 Weight	217.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.362 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

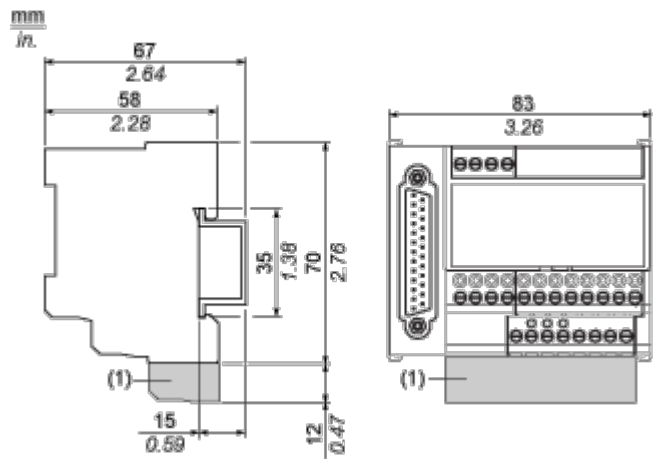
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



(1) ABE7BV10

Mounting and Clearance

Mounting

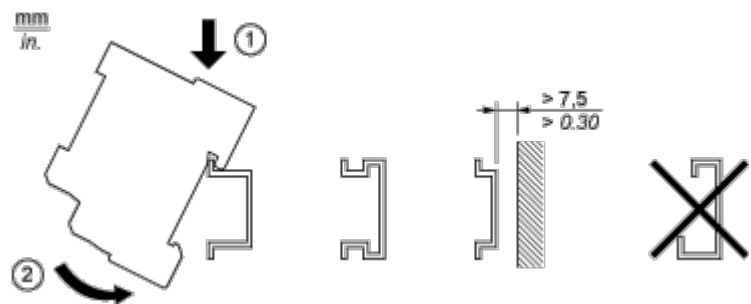


Image of product / Alternate images

Alternative



