Specifications



connection sub-base ABE7 - for distribution of 8 analog channels

ABE7CPA03

Main

Range of product	Modicon ABE7
Product or component type	Connection sub-base for counter and analogue channels
Number of channels	8
Connections - terminals	Screw type terminals, 1 x 0.091 x 1.5 mm ² (AWG 28AWG 16) flexible with cable end Screw type terminals, 1 x 0.141 x 2.5 mm ² (AWG 26AWG 12) solid Screw type terminals, 1 x 0.141 x 2.5 mm ² (AWG 26AWG 14) flexible without cable end Screw type terminals, 2 x 0.092 x 0.75 mm ² (AWG 28AWG 20) flexible with cable end Screw type terminals, 2 x 0.22 x 2.5 mm ² (AWG 24AWG 14) solid
Complementary	
Function of module	Analogue input current, compatible with Premium Analogue input voltage, compatible with Premium Pt 100, compatible with Premium
[Uc] control circuit voltage	24 V DC
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
Net weight	0.33 kg
Environment	
Standards	CSA C22.2 IEC 61131 UL 508
Product certifications	DNV UL GL CSA
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TC
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= 10150 Hz) conforming to IEC 60068-2-6



Resistance to electrostatic	4 kV (contact) level 3 conforming to IEC 61000-4-2 8 kV (air) level 3 conforming to IEC 61000-4-2
discharge	
Resistance to radiated fields	10 V/m (260000001000000000 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	060 °C conforming to IEC 61131-2
Ambient air temperature for storage	-4080 °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	8.000 cm
Package 1 Length	13.500 cm
Package 1 Weight	311.000 g

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

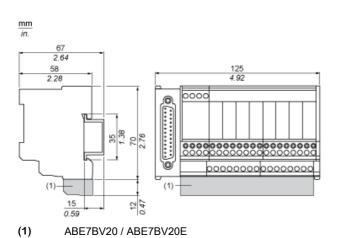
Contractual warranty

Warranty

18 months

Dimensions Drawings

Dimensions

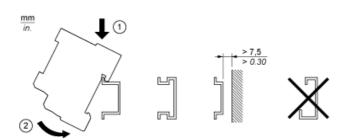


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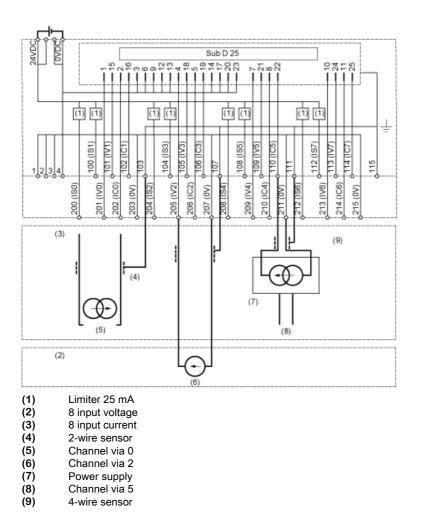
Mounting and Clearance

Mounting



Connections and Schema

Wiring Diagram



Recommended replacement(s)

