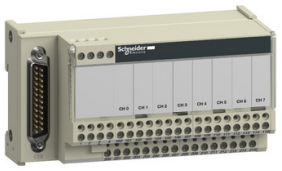
Product datasheet

Specifications



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

ABE7CPA02

Price: 3,977.83 ZAR

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 0.09...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	Analogue input current, compatible with Premium Analogue input voltage, compatible with Premium Pt 100, compatible with Premium
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	0.29 kg

Environment

Product Certifications	GL DNV UL CSA EAC
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= 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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Ambient Air Temperature For Operation	0…60 °C conforming to IEC 61131-2
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	7.100 cm
Package 1 Width	8.200 cm
Package 1 Length	13.600 cm
Package 1 Weight	301.000 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	8.683 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

Well-being performance

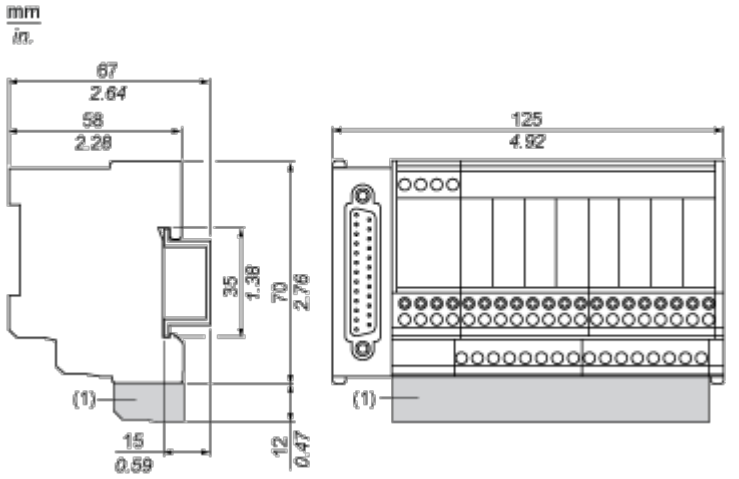
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

Dimensions Drawings

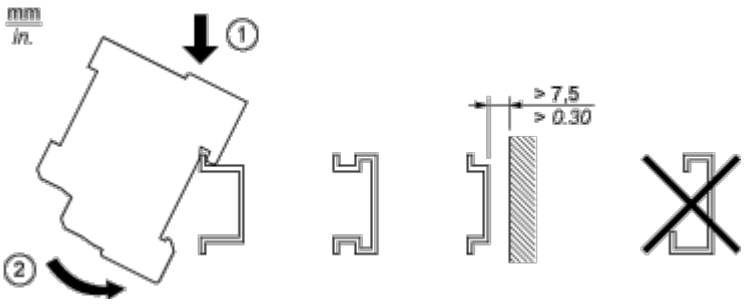
Dimensions



(1) ABE7BV20 / ABE7BV20E

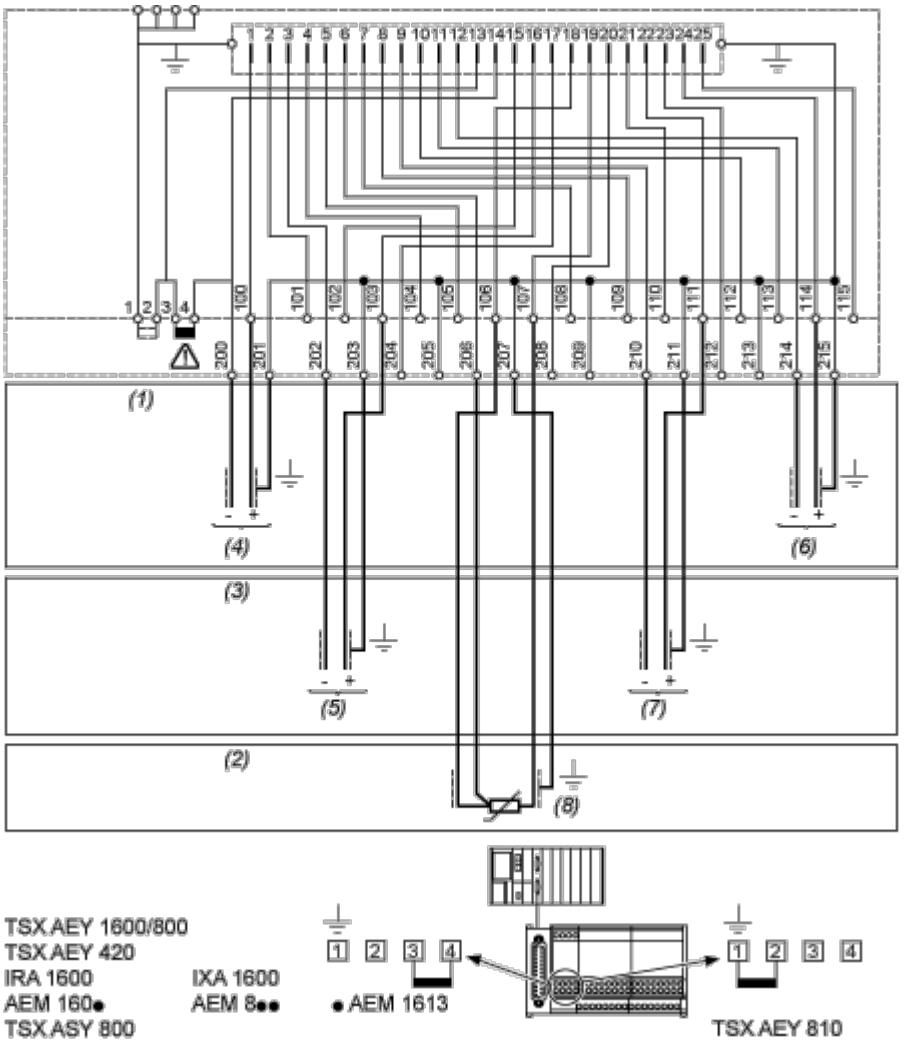
Mounting and Clearance

Mounting



Connections and Schema

Wiring Diagram



(1) 8 input voltage - 8 output voltage

(2) 8 input probe PT100

(3) 8 input current - 8 output current

(4) Channel via 1

(5) Channel via 2

(6) Channel via 8

(7) Channel via 6

(8) Channel via 4