

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

ABE7CPA03

Product availability: Stock - Normally stocked in distribution facility

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 mm² 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 mm² 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 Premium Analogue input voltage Premium Pt 100 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 IEC 60664-1	
Tightening torque	5.3 lbf.in (0.6 N.m) flat Ø 3.5 mm	
Net Weight	0.73 lb(US) (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	1382 °F (750 °C) 30 s IEC 60695-2-11	
Shock resistance	15 gn 11 ms IEC 60068-2-27	
Vibration resistance	2 gn (f= 10150 Hz) conforming to IEC 60068-2-6	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Resistance to electrostatic discharge	4 kV contact) level 3 IEC 61000-4-2 8 kV air) level 3 IEC 61000-4-2	
Resistance to radiated fields	9.1 V/m (10 V/m) 260000001000000000 Hz)IEC 61000-4-3 level 3	
Resistance to fast transients	2 kV level 3 IEC 61000-4-4	
Ambient air temperature for operation	32140 °F (060 °C) IEC 61131-2	
Ambient air temperature for storage	-40176 °F (-4080 °C) IEC 61131-2	
Pollution degree	2 IEC 60664-1	

Ordering and shipping details

Category	US10CP222375
Discount Schedule	0CP2
GTIN	3389110705003
Returnability	Yes
Country of origin	LV

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.000 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	5.31 in (13.500 cm)
Package 1 Weight	10.970 oz (311.000 g)

Contractual warranty

Warranty 18 months



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

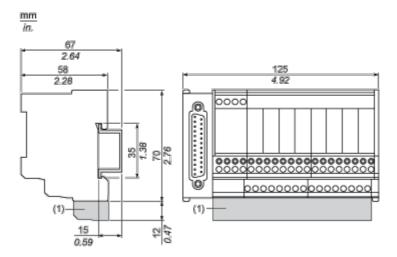
Yes	
Yes	
Pro-active compliance (Product out of EU RoHS legal scope)	
REACh Declaration	
WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	

Use Again

○ Repack and remanufacture		
Take-back	No	

Dimensions Drawings

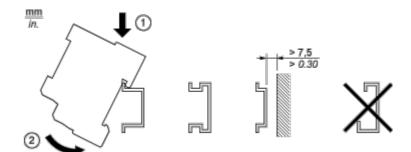
Dimensions



(1) ABE7BV20 / ABE7BV20E

Mounting and Clearance

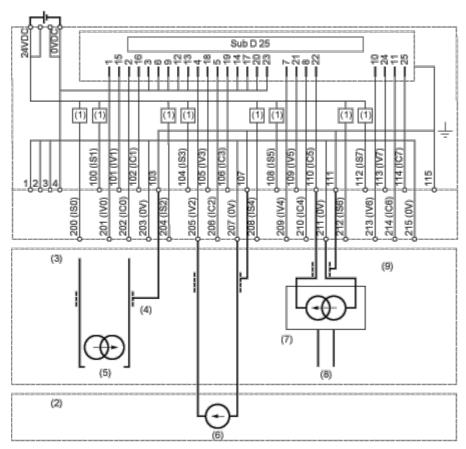
Mounting



ABE7CPA03

Connections and Schema

Wiring Diagram



- Limiter 25 mA (1)
- (2) 8 input voltage
- 8 input current (3)
- (4) 2-wire sensor
- Channel via 0 (5)
- Channel via 2 (6)
- (7) Power supply
- (8) Channel via 5
- 4-wire sensor (9)

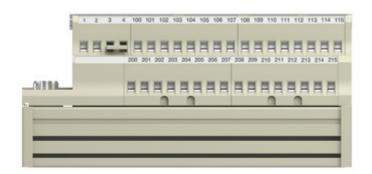
Product data sheet

ABE7CPA03

Image of product / Alternate images

Alternative





ABE7CPA03







