

ABE7CPA410

connection sub-base ABE7 - for distribution of 4
analog channels protected



Main

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

Complementary

Function of module	Distribution of supply and 4 analogue channels protected isolated , compatible with Modicon M340
Product compatibility	BMXAMI0410 compatible with Modicon M340
Connection to PLC	SUB-D 25
Fixing mode	By clips on 35 mm symmetrical DIN rail By screws on solid plate with fixing kit
[Ui] rated insulation voltage	2000 V between terminals/mounting rails
Installation category	II conforming to IEC 60664-1
Tightening torque	0.6 N.m (with flat Ø 3.5 mm)
Product weight	0.18 kg

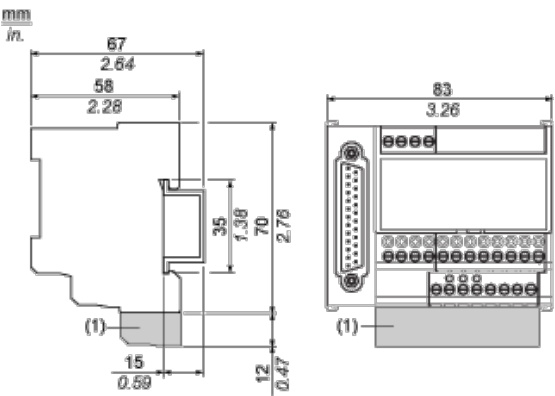
Environment

product certifications	BV CSA DNV GL LROS (Lloyds register of shipping) UL
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) conforming to IEC 61000-4-2 level 3 8 kV (air) conforming to IEC 61000-4-2 level 3
resistance to radiated fields	10 V/m (26000000...1000000000 Hz) conforming to IEC 61000-4-3 level 3
resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3
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

Offer Sustainability

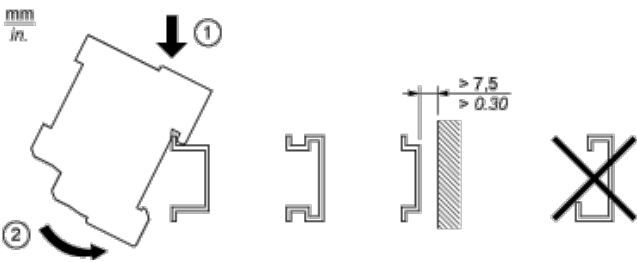
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1017 - Schneider Electric declaration of conformity

Dimensions



(1) ABE7BV10

Mounting



Wiring Diagram

Channels	SUBD25	Description	Channels	SUBD25	Description
1	/	Earth		/	24 VDC Input
2	/	Earth		/	24 VDC Input
3	/	Earth		/	0V24 Input
4	/	COM 0V0		/	0V24 Input
100		Output IS V0	101	14 (SUBD)	COM 0V0
102		Output IS V1	103	3 (SUBD)	COM 0V1
104		Output IS V2	105	17 (SUBD)	COM 0V2
106		Output IS V3	107	6 (SUBD)	COM 0V3
200	1 (SUBD)	Input IV V0	201		Input IC V0
202	15 (SUBD)	Input IV V1	203		Input IC V1
204	4 (SUBD)	Input IV V2	205		Input IC V2
206	18 (SUBD)	Input IV V3	207		Input IC V3

