

ABE7CPA21

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



Main

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

Complementary

Function of module	Analogue output current , compatible with Premium Analogue output voltage , compatible with Premium
Product compatibility	TSXAEY420 compatible with Premium TSXASY410 compatible with Premium
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	<p>BV</p> <p>CSA</p> <p>DNV</p> <p>GL</p> <p>LROS (Lloyds register of shipping)</p> <p>UL</p>
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	<p>4 kV (contact) conforming to IEC 61000-4-2 level 3</p> <p>8 kV (air) conforming to IEC 61000-4-2 level 3</p>
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

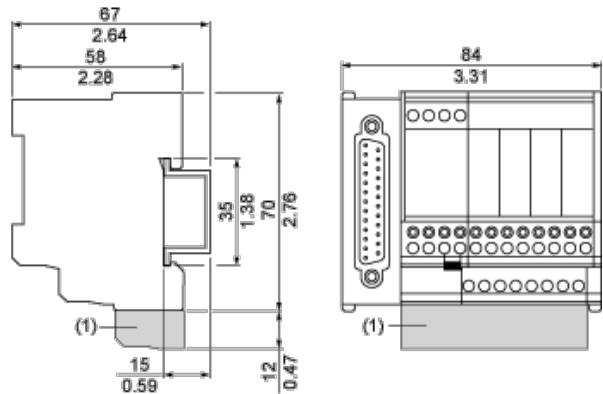
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0841 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Dimensions

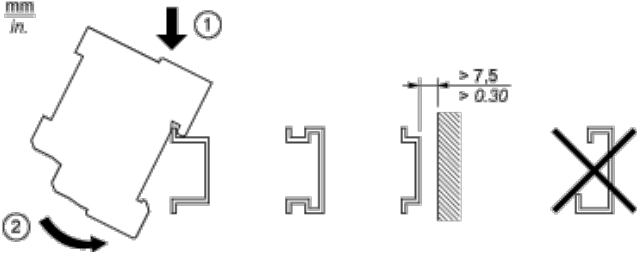
mm
in.



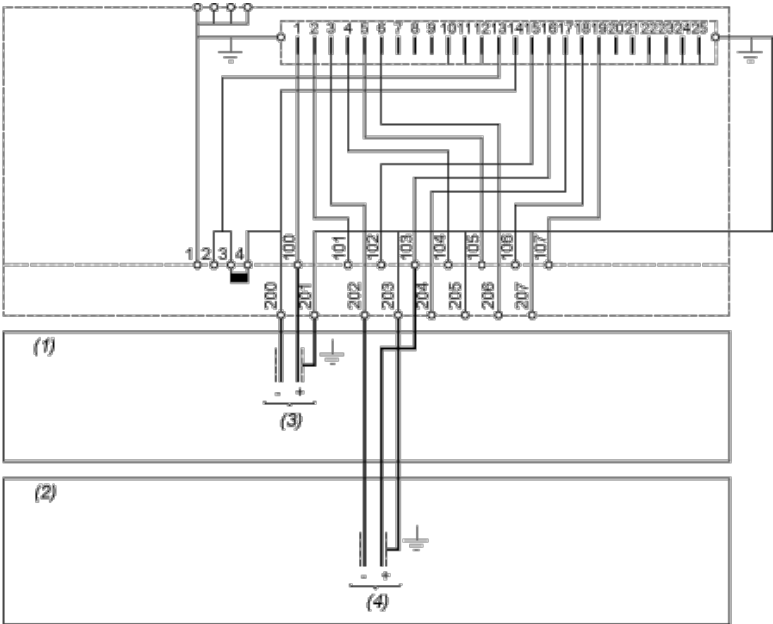
(1) ABE7BV20

Mounting

mm
in.



Wiring Recommendations



(1) 4 input voltage - 4 output voltage

- (2) 4 input current - 4 output current
- (3) Channel via 1
- (4) Channel via 2