



## Main

Range of product	Advantys Telefast ABE7
Product or component type	Connection sub-base for counter and analogue channels
Number of channels	8
Connections - terminals	<p>Screw type terminals, clamping capacity: 1 x 0.09...1 x 1.5 mm<sup>2</sup> AWG 28...AWG 16 flexible with cable end</p> <p>Screw type terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm<sup>2</sup> AWG 26...AWG 12 solid</p> <p>Screw type terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm<sup>2</sup> AWG 26...AWG 14 flexible without cable end</p> <p>Screw type terminals, clamping capacity: 2 x 0.09...2 x 0.75 mm<sup>2</sup> AWG 28...AWG 20 flexible with cable end</p> <p>Screw type terminals, clamping capacity: 2 x 0.2...2 x 2.5 mm<sup>2</sup> AWG 24...AWG 14 solid</p>

## Complementary

Function of module	Isolated analogue input , compatible with Premium
Product compatibility	TSXAEY810 compatible with Premium
[Uc] control circuit voltage	24 V DC
Connection to PLC	SUB-D 25
Fixing mode	<p>By clips on 35 mm symmetrical DIN rail</p> <p>By screws on solid plate with fixing kit</p>
[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	0.41 kg

## Environment

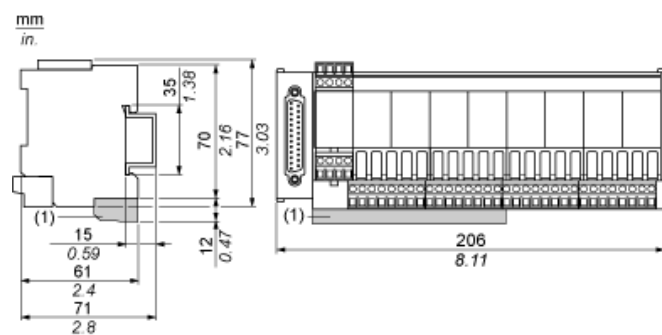
Standards	<p>IEC 61131</p> <p>UL 508</p> <p>CSA C22.2</p>
Product certifications	<p>BV</p> <p>CSA</p> <p>DNV</p> <p>GL</p> <p>LROS (Lloyds register of shipping)</p> <p>UL</p>
IP degree of protection	IP20 conforming to IEC 60529

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	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 (260000000...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

### Contractual warranty

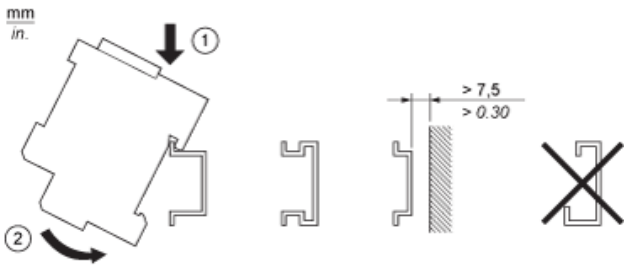
Warranty period	18 months
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## Dimensions

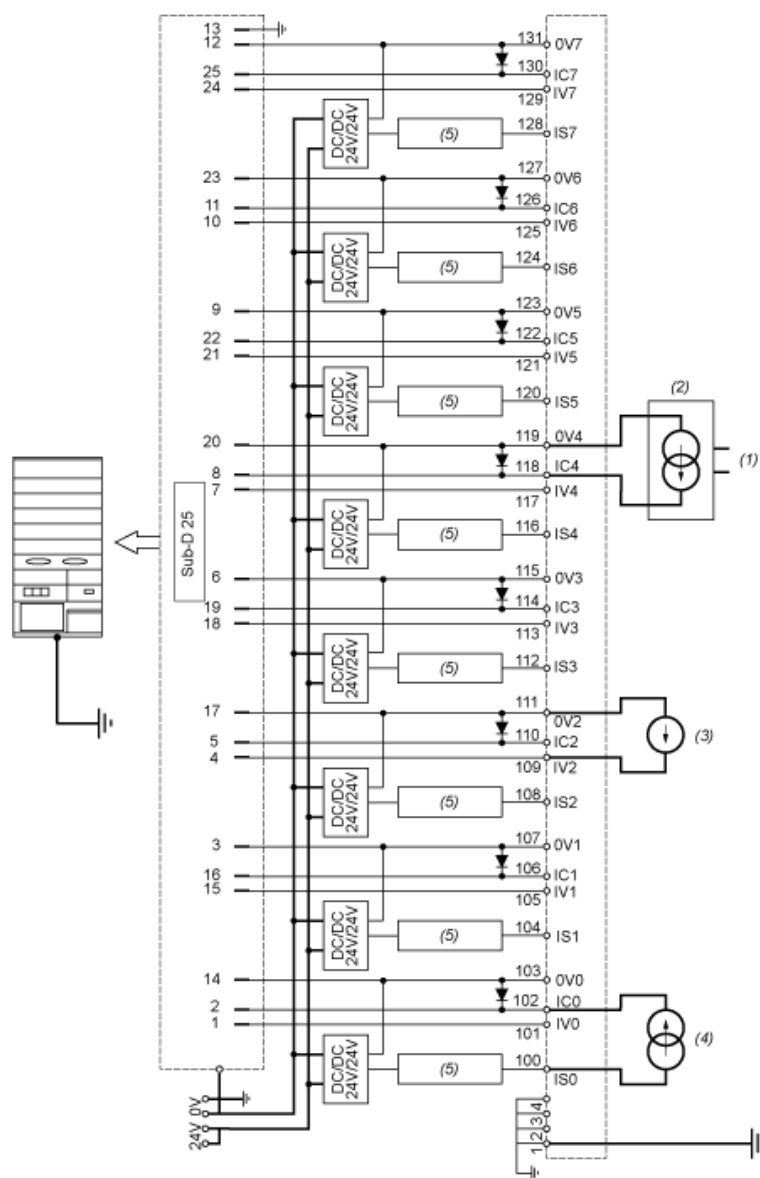


(1) ABE7BV20

Mounting



## Wiring Diagram



- (1) Power supply
- (2) 4-wire sensor
- (3) Voltage sensor
- (4) 2-wire sensor
- (5) Protection 25 mA