



Main

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

Complementary

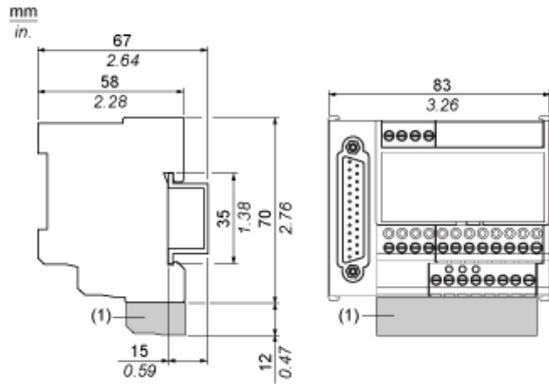
| | |
|-------------------------------|--|
| Function of module | Distribution of supply and 4 analogue channels protected isolated , compatible with Modicon M340 |
| Product compatibility | BMXAMI0410 compatible with Modicon M340 |
| Connection to PLC | SUB-D 25 |
| Fixing mode | By screws on solid plate with fixing kit By clips on 35 mm symmetrical DIN rail |
| [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 |
| 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>8 kV (air) conforming to IEC 61000-4-2 level 3</p> <p>4 kV (contact) 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 |

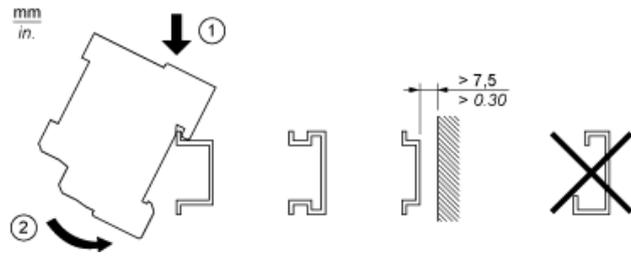
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Dimensions



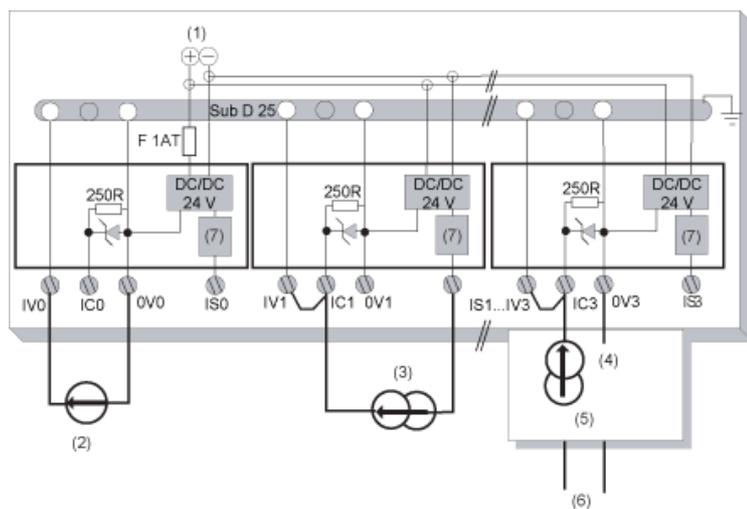
(1) ABE7BV10

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 |



- (1) 24 V IEC input
- (2) Voltage sensor
- (3) 2-wire current sensor
- (4) 0 V sensor
- (5) 4-wire current sensor
- (6) 4-wire sensor supply
- (7) Protection 25 mA

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