



Main

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

Complementary

| | |
|-------------------------------|---|
| Function of module | Counting, axis control, position control, compatible with Premium Counting and analogue, compatible with TSX Micro |
| Product compatibility | TSXCTZ2A compatible with TSX Micro TSXCTZ1A compatible with TSX Micro TSXCTY4A compatible with Premium TSXCTY2A compatible with Premium TSXCAY41 compatible with Premium TSXCAY21 compatible with Premium TSX3722 compatible with TSX Micro |
| Control circuit voltage | 24 V DC |
| Connection to PLC | SUB-D 15 |
| 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 | 0.3 kg |

Environment

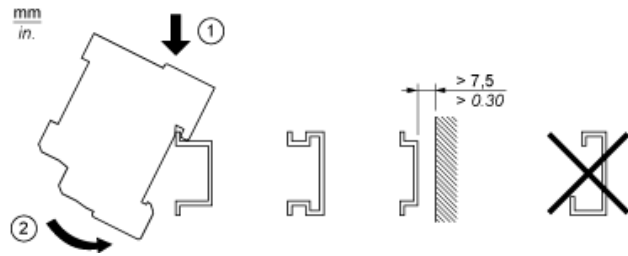
| | |
|---------------------------------------|--|
| Product certifications | BV CSA DNV GL LROS (Lloyds register of shipping) UL |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Resistance to incandescent wire | 750 °C conforming to IEC 60695-2-11 |
| Shock resistance | 15 gn for 11 ms conforming to IEC 60068-2-27 |
| Vibration resistance | 2 gn (f = 10...150 Hz) conforming to IEC 60068-2-6 |
| Resistance to electrostatic discharge | 8 kV (air) conforming to IEC 61000-4-2 level 3 4 kV (contact) 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 |
| Ambient air temperature for storage | -40...80 °C conforming to IEC 61131-2 |
| Pollution degree | 2 conforming to IEC 60664-1 |

Dimensions

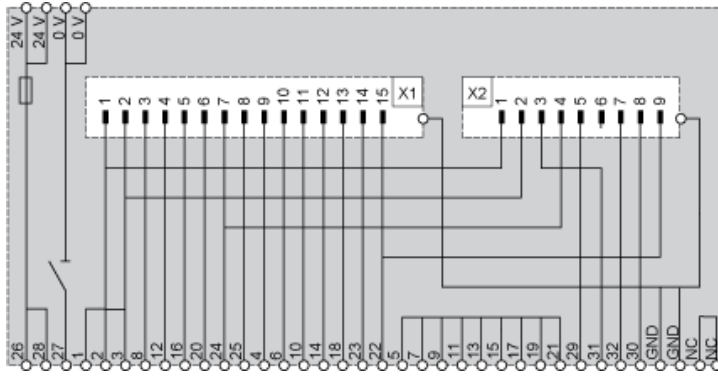


(1) ABE7BV10 / ABE7BV20

Mounting



Wiring Diagram



Mouser Electronics

Authorized Distributor

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[ABE7CPA01](#)