



Main

| | |
|--------------------------------|--|
| Range of product | Advantys Telefast ABE7 |
| Product or component type | Passive discrete I/O sub-base |
| [Us] rated supply voltage | 24 V DC (controller side) 24 V DC (sensor/controller side) |
| Number of channels | 20 |
| Number of terminal per channel | 2 |
| Connections - terminals | Screw type terminals, clamping capacity: 1 x 0.09...1 x 1.5 mm ² AWG 28...AWG 16 flexible with cable end Screw type terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm ² AWG 26...AWG 12 solid Screw type terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm ² AWG 26...AWG 14 flexible without cable end Screw type terminals, clamping capacity: 2 x 0.09...2 x 0.75 mm ² AWG 28...AWG 20 flexible with cable end Screw type terminals, clamping capacity: 2 x 0.2...2 x 2.5 mm ² AWG 28...AWG 16 solid |
| Connector destination | Twido programmable controller |

Complementary

| | |
|------------------------------|---|
| Supply voltage limits | 19...30 V DC (controller side) conforming to IEC 61131-2 20.4...26.4 V DC (sensor/controller side) conforming to IEC 61131-2 |
| Discrete input number | 12 |
| Discrete input logic | Sink |
| Discrete output number | 8 |
| Discrete output voltage | 24 V |
| Discrete output voltage type | DC |
| Product compatibility | TWDLMDA20DTK TWDLMDA40DTK |
| Status LED | 1 LED for power ON 1 LED per channel for channel status |
| Polarity distribution | 1 common/12 channels for input 1 common/8 channels for output |
| Short-circuit protection | 2 A internal fuse, 5 x 20 mm, fast blow (controller side) |

| | |
|-----------------------------------|---|
| | 0.315 A fuse per channel, 5 x 20 mm, fast blow (output circuit) |
| Connector type | HE-10 |
| Pin number | 26 pins |
| Fixing mode | By clips on 35 mm symmetrical DIN rail conforming to IEC 60715 By screws |
| Supply current | <= 2 A |
| Current per channel | 0.0032 A |
| Switched current | 15 mA for input circuit 300 mA for output circuit |
| Current per output common | 2 A |
| Voltage drop on power supply fuse | 0.3 V |
| [Ui] rated insulation voltage | 2000 V between terminals/mounting rails |
| Overvoltage category | II conforming to IEC 60664-1 |
| Tightening torque | 0.6 N.m (with flat Ø 3.5 mm) |
| Product weight | 0.43 kg |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC 61131-2 Type 1 |
| Product certifications | CSA UL |
| IP degree of protection | IP2x 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 | 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 (80000000...2000000000 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 | -5...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 | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0841 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Available End of Life Information |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|