



Main

Range of product	Advantys Telefast ABE7
Product or component type	Passive discrete I/O sub-base
Sub-base type	Low cost sub-base
[Us] rated supply voltage	19...30 V conforming to IEC 61131-2
Number of channels	16
Number of terminal per channel	1
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 24...AWG 14 solid

Complementary

Supply voltage type	DC
Number of horizontal rows	2
Product compatibility	Modicon Premium PLC Modicon TSX Micro PLC
Status LED	1 LED per channel, green for channel status 1 LED, green for power ON
Short-circuit protection	2 A internal fuse, 5 x 20 mm, fast blow (PLC end)
Fixing mode	By clips on 35 mm symmetrical DIN rail By screws on solid plate with fixing kit
Supply current	<= 1.8 A
Current per channel	<= 0.5 A
Current per output common	<= 1.8 A
Voltage drop on power supply fuse	0.3 V
[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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Product certifications	BV CSA DNV GL LROS (Lloyds register of shipping) UL
IP degree of protection	IP2x 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	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 (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	-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

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

Contractual warranty

Warranty period	18 months
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