



### Main

Range of product	Advantys Telefast ABE7
Product or component type	Passive discrete I/O sub-base
Sub-base type	I/O sub-base
[Us] rated supply voltage	19...30 V conforming to IEC 61131-2
Number of channels	12
Number of terminal per channel	2
Connections - terminals	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 Screw type terminals, clamping capacity: 1 x 0.14...1 x 2.5 mm <sup>2</sup> AWG 26...AWG 12 solid 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 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 Screw type terminals, clamping capacity: 2 x 0.2...2 x 2.5 mm <sup>2</sup> AWG 24...AWG 14 solid
Channel additional information	1 switch disconnecter per channel

### Complementary

Supply voltage type	DC
Number of horizontal rows	2
Status LED	1 LED per channel, green for channel status 1 LED, green for power ON
Polarity distribution	0 V or 24 V
Short-circuit protection	6.3 A internal fuse, 5 x 20 mm, fast blow (PLC end)
Connector type	HE-10
Pin number	20 pins
Fixing mode	By clips on 35 mm symmetrical DIN rail By screws on solid plate with fixing kit
Supply current	<= 6.1 A
Current per channel	<= 0.5 A
Current per output common	<= 6.1 A

Voltage drop on power supply fuse	0.2 V
[Ui] rated insulation voltage	2000 V
Installation category	II conforming to IEC 60664-1
Tightening torque	0.6 N.m (with flat Ø 3.5 mm)
Width	125 mm
Product weight	0.375 kg

## Environment

Product certifications	DNV CSA LROS (Lloyds register of shipping) UL BV GL
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 (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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0841 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">End of Life Information</a>
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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## ABE7H12S21 is replaced by:



### Interfaces for PLCs ABE7H16S21

passive connection sub-base ABE7 - 16 inputs or outputs - Led - isolator

Qty 1

Reason for Substitution: End of life | Substitution date: 30 December 2016