

Product data sheet

Characteristics

ABE7E16SPN20

connection sub-base ABE7 - for Twido extension - 16 outputs

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 84.00 USD



Main

Commercial Status	Commercialised
Range of product	Advantys Telefast ABE7
Product or component type	Passive discrete I/O sub-base
[Us] rated supply voltage	24 V DC (sensor/controller side) 24 V DC (controller side)
Number of channels	16
Number of terminal per channel	2
Connections - terminals	Screw type terminals, clamping capacity: 2 x 0.2...2 x 2.5 mm ² AWG 28...16 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
Connector destination	Twido programmable controller

Complementary

Supply voltage limits	20.4...28.8 V DC (sensor/controller side) conforming to IEC 61131-2 19...30 V DC (controller side) conforming to IEC 61131-2
Discrete output number	16
Discrete output logic	Source
Discrete output voltage	24 V
Discrete output voltage type	DC
Product compatibility	TWDDDO16TK TWDDDO32TK
Status LED	1 LED for power ON
Polarity distribution	1 common/16 channels for output
Short circuit protection	2 A internal fuse, 5 x 20 mm, fast blow (controller side)
Connector type	HE-10
Pin number	20 pins
Fixing mode	By screws By clips on 35 mm symmetrical DIN rail conforming to IEC 60715
Supply current	<= 2 A
Switched current	100 mA for output circuit
Current per output common	1.6 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	5.31 lbf.in (0.6 N.m) (with flat Ø 3.5 mm)
Product weight	0.99 lb(US) (0.45 kg)

Environment

Product certifications	CSA UL
IP degree of protection	IP2x conforming to IEC 60529
Resistance to incandescent wire	1382 °F (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	9.14 V/yd (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	23...140 °F (-5...60 °C) conforming to IEC 61131-2
Ambient air temperature for storage	-40...176 °F (-40...80 °C) conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664-1

Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901590330
Nbr. of units in pkg.	1
Package weight(Lbs)	0.44
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Contractual warranty

Period	18 months
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