

ABE7P16F312

sub-base for plug-in relay ABE7 - 16 channels -
relay 12.5 mm

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



Main

Commercial Status	Commercialised
Range of product	Advantys Telefast ABE7
Product or component type	Sub-base for plug-in relay
Sub-base type	Input sub-base
[Us] rated supply voltage	19...30 V conforming to IEC 61131-2
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 , cable cross section: 0...0 in ² (0.2...2.5 mm ²) AWG 24...14 solid Screw type terminals, clamping capacity: 2 x 0.09...2 x 0.75 mm ² , cable cross section: 0...0 in ² (0.09...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 , cable cross section: 0...0 in ² (0.14...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 , cable cross section: 0...0 in ² (0.14...2.5 mm ²) AWG 26...12 solid Screw type terminals, clamping capacity: 1 x 0.09...1 x 1.5 mm ² , cable cross section: 0...0 in ² (0.09...1.5 mm ²) AWG 28...16 flexible with cable end

Complementary

Supply circuit type	DC
Product compatibility	ABR7 ABS7E ABS7S33E
Status LED	1 LED, green for power ON 1 LED per channel, green for channel status
Isolation PLC/operative part	Yes
Polarity distribution	Polarity distribution contact common per group of 4 channels
Short circuit protection	1 A internal fuse, 5 x 20 mm, fast blow (PLC end)
Fixing mode	By screws on solid plate with fixing kit By clips on 35 mm symmetrical DIN rail
Supply current	<= 1 A
Voltage drop on power supply fuse	0.3 V
[Uimp] rated impulse withstand voltage	2.5 kV
[Ui] rated insulation voltage	300 V between coil circuit/contact circuits conforming to IEC 60947-1 2000 V between terminals/mounting rails
Installation 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	1.87 lb(US) (0.85 kg)

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Environment

Product certifications	BV CSA DNV GL LROS (Lloyds register of shipping)
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) (26000000...100000000 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	00785901407379
Nbr. of units in pkg.	1
Package weight(Lbs)	1.82
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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