Product data sheet

Specifications





ABE7H16CM11

() Discontinued on: Dec 1, 2020

passive connection sub-base



Main

Range Of Product	Modicon ABE7
Product Or Component Type	Passive discrete I/O sub-base
Sub-Base Type	Miniature sub-base
[Us] Rated Supply Voltage	1930 V IEC 61131-2
Number Of Channels	16
Number Of Terminal Per Channel	1
Connections - Terminals	Screw type terminals, 1 x 0.091 x 1.5 mm ² , 0.000.00 in ² (0.091.5 mm ²) AWG 28AWG 16) flexible with cable end
	Screw type terminals, 1 x 0.141 x 2.5 mm², 0.000.00 in² (0.142.5 mm²) AWG 26AWG 12) solid
	Screw type terminals, 1 x 0.141 x 2.5 mm ² , 0.000.00 in ² (0.142.5 mm ²) AWG 26AWG 14) flexible without cable end
	Screw type terminals, 2 x 0.092 x 0.75 mm ² , 0.000.00 in ² (0.090.75 mm ²) AWG 28AWG 20) flexible with cable end
	Screw type terminals, 2 x 0.22 x 2.5 mm ² , 0.000.00 in ² (0.22.5 mm ²) AWG 24AWG 14) solid

Complementary

DC
1
1 LED per channel (Green) channel status 1 LED (Green) power ON
No
2 A internal fuse, 5 x 20 mm, fast blow PLC end)
By clips (35 mm symmetrical DIN rail) By screws (solid plate with fixing kit)
1.8 A
0.5 A
1.8 A
0.3 V
2000 V
II IEC 60664-1
5.31 lbf.in (0.6 N.m) flat Ø 3.5 mm
0.35 lb(US) (0.16 kg)

Environment

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Product Certifications	CSA UL DNV GL
Ip Degree Of Protection	IP2X conforming to IEC 60529
Resistance To Incandescent Wire	1382 °F (750 °C) 30 s IEC 60695-2-11
Shock Resistance	15 gn 11 ms IEC 60068-2-27
Vibration Resistance	2 gn 10150 Hz)IEC 60068-2-6
Resistance To Electrostatic Discharge	4 kV contact) level 3 IEC 61000-4-2 8 kV air) level 3 IEC 61000-4-2
Resistance To Radiated Fields	9.14 V/m (10 V/m) 26000000100000000 Hz)IEC 61000-4-3 level 3
Resistance To Fast Transients	2 kV level 3 IEC 61000-4-4
Ambient Air Temperature For Operation	23140 °F (-560 °C) IEC 61131-2
Ambient Air Temperature For Storage	-40176 °F (-4080 °C) IEC 61131-2
Pollution Degree	2 IEC 60664-1

Ordering and shipping details

Category	22375-INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
Gtin	03389110251142
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

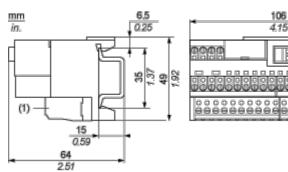
Rohs Exemption Information
Yes

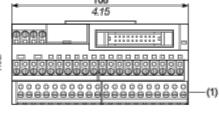
Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Weee Circularity Profile	

Dimensions Drawings

Dimensions



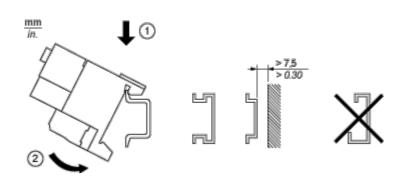


(1) ABE7BV10

Product data sheet

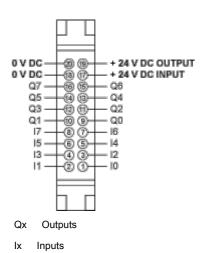
Mounting and Clearance

Mounting

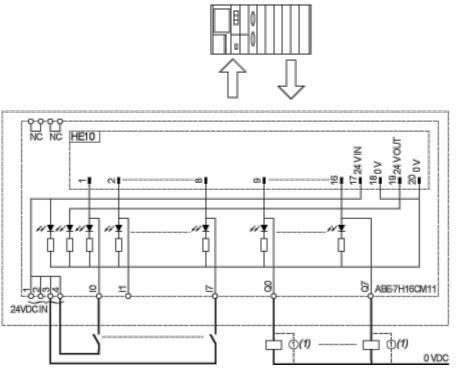


Connections and Schema

Wiring channels



Wiring Diagram



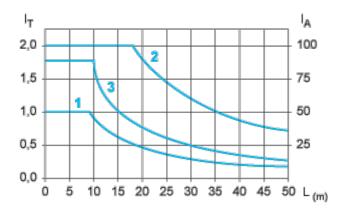
(1) Inductive load

ABE7H16CM11

Performance Curves

Curves for Determining Cable Type and Length According to the Current

16-channel Sub-base



- L Cable length
- I_T Total current per sub base (A)
- I_A Average current per channel (mA)
- (1) TSXCDP••2 and ABFH20H••0 cables with c.s.a. 0.08 mm² (AWG 28).
- (2) TSXCDP••3 cables with c.s.a. 0.34 mm^2 (AWG 22).
- (3) Cables with c.s.a. 0.13 mm² (AWG 26).

The curves are given for a voltage drop of 1 V in the cable. For n volts tolerance, multiply the length determined from the graph by n.