Product data sheet

Specifications

plug-in solid state relay - 10 mm - output - 24..240 V AC - 0.5 A

ABS7SA2M

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

Price*: 29.30 USD

Main

Range Of Product	Advantys Telefast ABE7
Product Or Component Type	Plug-in solid state relay
Relay Type	Output relay
Minimum Ordered Quantity	Set of 4

Complementary

Response Time	<= 10 ms from state 0 to 1 <= 10 ms from state 1 to 0
Width Pitch Dimension	0.39 in (10 mm)
Product Compatibility	ABE7P16T210 ABE7P16T212 ABE7P16T215 ABE7P16T214
Discrete Input Voltage	24 V DC
Discrete Output Voltage	24...240 V AC
Discrete Output Current	500 mA
Current State 0 Guaranteed	0.4 mA DC
Current State 1 Guaranteed	6.5 mA DC
Voltage State 0 Guaranteed	2.8 V DC
Voltage State 1 Guaranteed	18.6 V DC
Net Weight	0.04 lb(US) (0.016 kg)

Ordering and shipping details

Category	US10CP222375
Discount Schedule	0CP2
Gtin	3389110644777
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.30 in (3.3 cm)

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

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

Package 1 Width	1.77 in (4.5 cm)
Package 1 Length	2.32 in (5.9 cm)
Package 1 Weight	0.03 oz (0.9 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	1.30 in (3.3 cm)
Package 2 Width	1.77 in (4.5 cm)
Package 2 Length	2.32 in (5.9 cm)
Package 2 Weight	1.09 oz (31 g)
Unit Type Of Package 3	S01
Number Of Units In Package 3	64
Package 3 Height	5.91 in (15 cm)
Package 3 Width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	25.43 oz (721 g)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

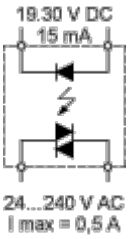
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

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
Circularity Profile	No need of specific recycling operations
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

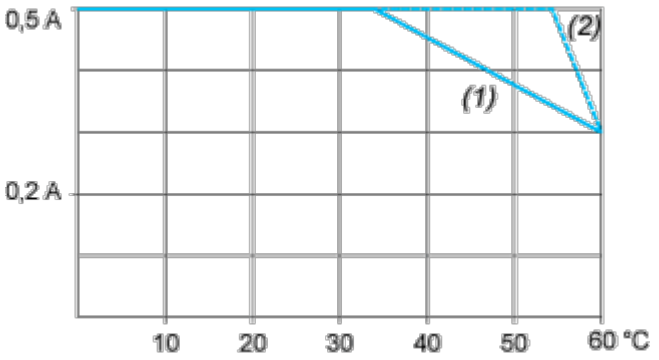
Connections and Schema

Internal Wiring Diagram



Performance Curves

Temperature Derating Curves



(1) 100 % of channels used

(2) 50 % of channels used