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

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	0.4 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	0.035 lb(US) (0.016 kg)

Ordering and shipping details

Category	US10CP222375
Discount Schedule	0CP2
GTIN	3389110644777
Returnability	No
Country of origin	LV

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.299 in (3.300 cm)
Package 1 Width	1.772 in (4.500 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 Length	2.323 in (5.900 cm)
Package weight(Lbs)	0.247 oz (7.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	1.299 in (3.300 cm)
Package 2 Width	1.772 in (4.500 cm)
Package 2 Length	2.323 in (5.900 cm)
Package 2 Weight	1.093 oz (31.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	64
Package 3 Height	5.906 in (15.000 cm)
Package 3 Width	5.906 in (15.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	23.668 oz (671.000 g)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**0.4 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**
PVC free	**Yes**

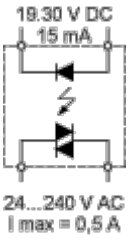
Use Again

Repack and remanufacture

Recyclability potential, in %	**5**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

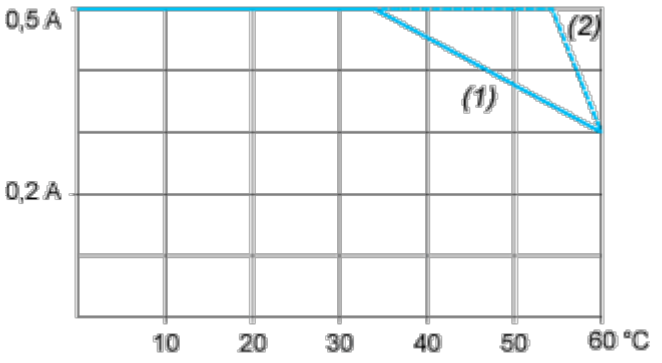
Connections and Schema

Internal Wiring Diagram



Performance Curves

Temperature Derating Curves



(1) 100 % of channels used

(2) 50 % of channels used