

Product data sheet

Specifications



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

ABS7SA2M

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	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	0.016 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.300 cm
Package 1 Width	4.500 cm
Package 1 Length	5.900 cm
Package 1 Weight	7.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.300 cm
Package 2 Width	4.500 cm

Package 2 Length	5.900 cm
Package 2 Weight	31.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	64
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	671.000 g

Contractual warranty

Warranty	18 months
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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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

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

End of life manual availability

No need of specific recycling operations

Take-back

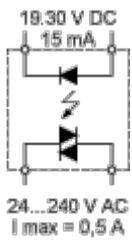
No

WEEE Label

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

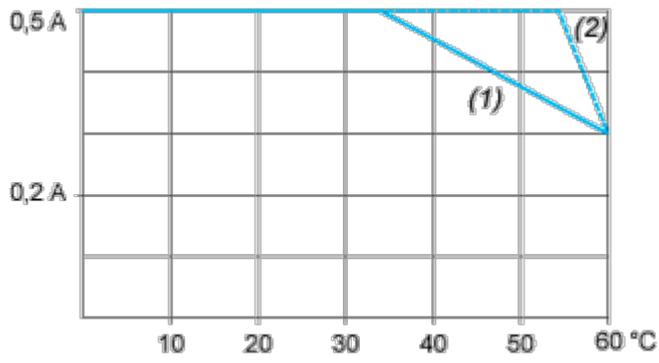
Connections and Schema

Internal Wiring Diagram



Performance Curves

Temperature Derating Curves



(1) 100 % of channels used

(2) 50 % of channels used