

Product data sheet

Specifications



plug-in solid state relay - 10 mm -
output - 5..48 V DC - 0.5 A

ABS7SC2E

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 ≤ 0.1 ms from state 0 to 1
 ≤ 0.6 ms from state 1 to 0

Width pitch dimension 10 mm

Product compatibility
ABE7P16T214
ABE7P16T215
ABE7P16T212
ABE7P16T210

Discrete input voltage 24 V DC

Discrete output voltage 5...48 V DC

Discrete output current 500 mA

Current state 0 guaranteed 0.4 mA DC

Current state 1 guaranteed 2.9 mA DC

Voltage state 0 guaranteed 3.8 V DC

Voltage state 1 guaranteed 18.6 V DC

Product weight 0.016 kg

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 3.500 cm

Package 1 Width 4.400 cm

Package 1 Length 6.000 cm

Package 1 Weight 6.000 g

Unit Type of Package 2 BB1

Number of Units in Package 2 4

Package 2 Height 3.500 cm

Package 2 Width 4.400 cm

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 2 Length	6.000 cm
Package 2 Weight	29.000 g
Unit Type of Package 3	S02
Number of Units in Package 3	128
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	1.165 kg

Contractual warranty

Warranty	18 months
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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

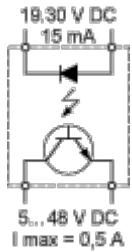
Repack and remanufacture

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

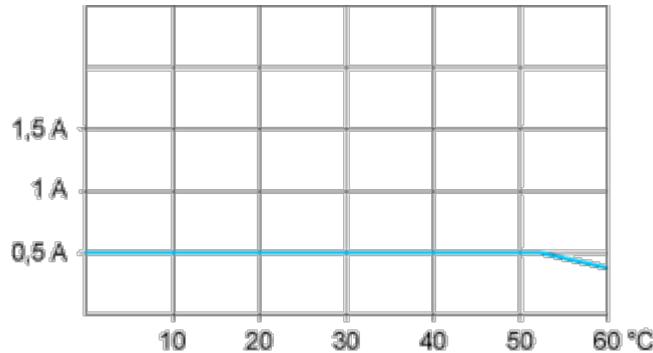


Image of product / Alternate images

Alternative

