

# 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.

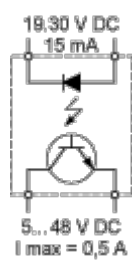
[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Use Better	
Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	<a href="#">REACH Declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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

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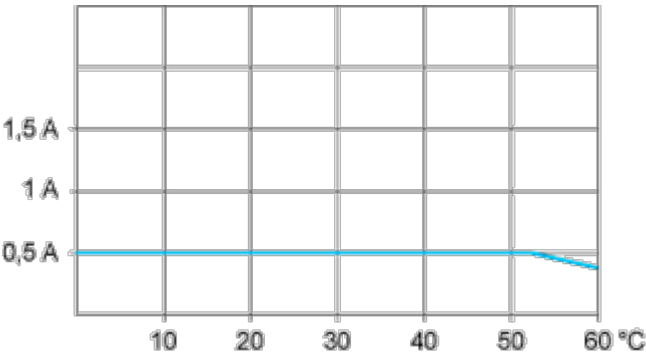


Image of product / Alternate images

Alternative

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