

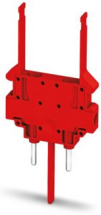
# PS 6-VT-SD - Test disconnectors



3246858

<https://www.phoenixcontact.com/us/products/3246858>

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Test disconnectors, contacts after the signal isolation, nom. voltage: 250 V, nominal current: 6 A, number of positions: 1, connection method: Screw connection, cross section: 0.5 mm<sup>2</sup>- 2.5 mm<sup>2</sup>, color: red

## Commercial data

Item number	3246858
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE1Z3X
GTIN	4046356915175
Weight per piece (including packing)	8.6 g
Weight per piece (excluding packing)	8.6 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Test plug terminal block
Number of positions	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
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### Connection data

Nominal cross section	2.5 mm <sup>2</sup>
Rated cross section AWG	14

### Level 1

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	7 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	20 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Nominal current	6 A
Maximum load current	8 A
Nominal voltage	250 V

### Dimensions

Width	6.2 mm
Height	39.3 mm
Depth	78.7 mm
Length	39.3 mm

### Material specifications

Color	red (RAL 3001)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

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Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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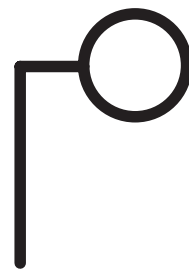
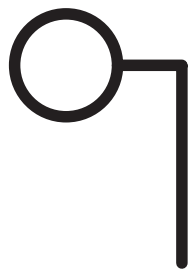
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## Drawings

### Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3246858>

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	300 V	10 A	20 - 14	-
C	300 V	10 A	20 - 14	-
F	500 V	10 A	20 - 14	-
D	600 V	5 A	20 - 14	-

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## Classifications

### ECLASS

ECLASS-13.0	27250304
ECLASS-15.0	27250304

### ETIM

ETIM 10.0	EC002555
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	61452e46-c002-4f98-852a-af104d804cd0

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