

LPS-12 - Service connector



3270601

<https://www.phoenixcontact.com/gb/products/3270601>

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Service connector, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²-4 mm², color: red

Commercial data

Item number	3270601
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	BE2Z3X
Product key	BE2Z3X
GTIN	4055626229201
Weight per piece (including packing)	6.5 g
Weight per piece (excluding packing)	6.5 g
Country of origin	PL

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Technical data

Product properties

Product type	Test plug terminal block
Number of positions	1

Connection data

Stripping length	10 mm
	8 mm ... 10 mm
Conductor cross section rigid	0.14 mm ² ... 4 mm ²
Cross section AWG	26 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Nominal current	24 A
Nominal voltage	800 V
Nominal cross section	2.5 mm ²

Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 2.5 mm ²

Dimensions

Width	12.3 mm
Height	18.3 mm
Depth	63.8 mm

Material specifications

Color	red (RAL 3001)
Material	PA
Flammability rating according to UL 94	V0
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

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Approvals

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DNV

Approval ID: TAE00004TX

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Classifications

ECLASS

ECLASS-13.0	27250304
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ETIM

ETIM 9.0	EC002555
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UNSPSC

UNSPSC 21.0	20122000
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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