

LPS-5 - Service connector



3270521

<https://www.phoenixcontact.com/lt/products/3270521>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	3270521
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2
Product key	BE2Z3X
GTIN	4063151252984
Weight per piece (including packing)	3.794 g
Weight per piece (excluding packing)	4.27 g
Customs tariff number	85366990
Country of origin	PL

LPS-5 - Service connector



3270521

<https://www.phoenixcontact.com/it/products/3270521>

Technical data

Product properties

Product type	Test plug terminal block
Number of positions	1

Connection data

Stripping length	10 mm
	8 mm ... 10 mm
Connection in acc. with standard	IEC 60947-7-1
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, rigid [AWG]	20 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	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	5.2 mm
Height	18.5 mm
Depth	53.4 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)
---------------------------------	--

LPS-5 - Service connector



3270521

<https://www.phoenixcontact.com/it/products/3270521>

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 %

Standards and regulations

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

LPS-5 - Service connector



3270521

<https://www.phoenixcontact.com/it/products/3270521>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/it/products/3270521>

DNV

Approval ID: TAE00004TX

LPS-5 - Service connector

3270521

<https://www.phoenixcontact.com/it/products/3270521>



Classifications

ECLASS

ECLASS-11.0	27141148
ECLASS-12.0	27141148
ECLASS-13.0	27250304

ETIM

ETIM 9.0	EC002555
----------	----------

UNSPSC

UNSPSC 21.0	20122000
-------------	----------

LPS-5 - Service connector



3270521

<https://www.phoenixcontact.com/lt/products/3270521>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact UAB
Svitrigailos str. 11B
03228 Vilnius
+370 5 2106321
balticinfo@phoenixcontact.com