

LP 2,5/14 - Plug

1071725

<https://www.phoenixcontact.com/in/products/1071725>



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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 14, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

Your advantages

- Large-surface labeling option
- The Push-in technology COMBI plugs for self-assembly provide solutions that users can implement themselves
- Tested for railway applications

Commercial data

Item number	1071725
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	*****
Product key	BE2244
GTIN	4055626761374
Weight per piece (including packing)	47 g
Weight per piece (excluding packing)	47 g
Customs tariff number	85366990
Country of origin	PL

LP 2,5/14 - Plug

1071725

<https://www.phoenixcontact.com/in/products/1071725>



Technical data

Product properties

Product type	Terminal plug
Number of positions	14

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
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Connection data

Stripping length	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
Maximum load current	24 A (with 4 mm ² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	2.5 mm ²

Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm ² ... 4 mm ²
Conductor cross section, rigid [AWG]	20 ... 12 (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	72.1 mm
Height	18.6 mm
Depth	40.3 mm
Length	18.6 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I

LP 2,5/14 - Plug



1071725

<https://www.phoenixcontact.com/in/products/1071725>

Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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LP 2,5/14 - Plug

1071725

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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1071725>

 cCSAus Approval ID: 80174529				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	20 A	26 - 12	-
Use group C	600 V	20 A	26 - 12	-
Use group F	800 V	20 A	26 - 12	-
Use group D	600 V	5 A	26 - 12	-

DNV Approval ID: TAE00004TX

LP 2,5/14 - Plug

1071725

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Classifications

ECLASS

ECLASS-11.0	27141151
ECLASS-12.0	27141151
ECLASS-13.0	27250306

ETIM

ETIM 9.0	EC002021
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UNSPSC

UNSPSC 21.0	39121400
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LP 2,5/14 - Plug

1071725

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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%

LP 2,5/14 - Plug

1071725

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Accessories

PL - Latching

1436267

<https://www.phoenixcontact.com/in/products/1436267>



Latching, depth: 27.7 mm, width: 4.4 mm, height: 8.7 mm, color: orange

PSL - Latching

1436966

<https://www.phoenixcontact.com/in/products/1436966>



Latching, depth: 63.8 mm, width: 9.7 mm, height: 8.7 mm, number of positions: 2, color: orange

LP 2,5/14 - Plug

1071725

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LP 2,5/ 1 - Plug

1071712

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Plug, 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: gray

LP 2,5/ 2 - Plug

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 2, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/14 - Plug

1071725

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LP 2,5/ 3 - Plug

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 3, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/ 4 - Plug

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

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1071725

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LP 2,5/ 5 - Plug

1071716

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 5, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/ 6 - Plug

1071717

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 6, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/14 - Plug

1071725

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LP 2,5/ 7 - Plug

1071718

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 7, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/ 8 - Plug

1071719

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 8, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/14 - Plug

1071725

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LP 2,5/ 9 - Plug

1071720

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 9, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/10 - Plug

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 10, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/14 - Plug

1071725

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LP 2,5/11 - Plug

1071722

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 11, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/12 - Plug

1071723

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 12, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

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LP 2,5/13 - Plug

1071724

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 13, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

LP 2,5/15 - Plug

1071726

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Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 15, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm²- 4 mm², color: gray

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LP 2,5/ 1 BU - Plug

1071727

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Plug, 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: blue

LP 2,5/ 1 GNYE - Plug

1071728

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Plug, 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: green-yellow

LP 2,5/14 - Plug

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LP 2,5/ 1-L - Plug

1071729

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Plug, 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: gray

LP 2,5/ 1-L BU - Plug

1071730

<https://www.phoenixcontact.com/in/products/1071730>



Plug, 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: blue

LP 2,5/14 - Plug

1071725

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LP 2,5/ 1-L GNYE - Plug

1071731

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Plug, 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: green-yellow

LP 2,5/ 1-M - Plug

1071732

<https://www.phoenixcontact.com/in/products/1071732>



Plug, 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: gray

LP 2,5/14 - Plug

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<https://www.phoenixcontact.com/in/products/1071725>



LP 2,5/ 1-M BU - Plug

1071733

<https://www.phoenixcontact.com/in/products/1071733>



Plug, 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: blue

LP 2,5/ 1-M GNYE - Plug

1071734

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Plug, 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: green-yellow

LP 2,5/14 - Plug

1071725

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LP 2,5/ 1-R - Plug

1071735

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Plug, 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: gray

LP 2,5/ 1-R BU - Plug

1071736

<https://www.phoenixcontact.com/in/products/1071736>



Plug, 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: blue

LP 2,5/14 - Plug

1071725

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LP 2,5/ 1-R GNYE - Plug

1071737

<https://www.phoenixcontact.com/in/products/1071737>



Plug, 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: green-yellow

MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/in/products/0201744>



Test plug, with solder connection up to 1 mm² conductor cross section, number of positions: 1, color: gray

LP 2,5/14 - Plug

1071725

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MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/in/products/0201663>

Insulating sleeve, color: white



MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/in/products/0201676>

Insulating sleeve, color: red



LP 2,5/14 - Plug

1071725

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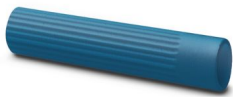


MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/in/products/0201689>

Insulating sleeve, color: blue



MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/in/products/0201692>

Insulating sleeve, color: yellow



LP 2,5/14 - Plug

1071725

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MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/in/products/0201702>

Insulating sleeve, color: green



MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/in/products/0201728>

Insulating sleeve, color: gray



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1071725

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MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/in/products/0201731>

Insulating sleeve, color: black



ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

<https://www.phoenixcontact.com/in/products/0808642>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

LP 2,5/14 - Plug

1071725

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ZBF 5 CUS - Zack Marker strip, flat

0825025

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Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

ZBF 5,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808671

<https://www.phoenixcontact.com/in/products/0808671>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: latching, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

LP 2,5/14 - Plug

1071725

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ZBF 5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808697

<https://www.phoenixcontact.com/in/products/0808697>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: latching, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

ZBF 5,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810821

<https://www.phoenixcontact.com/in/products/0810821>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: latching, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

LP 2,5/14 - Plug

1071725

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ZBF 5,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810863

<https://www.phoenixcontact.com/in/products/0810863>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: latching, for terminal block width: 5 mm, Number of individual labels: 10, text field height: 5.15 mm, text field width: 5.15 mm

UC-TMF 5 - Marker for terminal blocks

0818153

<https://www.phoenixcontact.com/in/products/0818153>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 5.2 mm, Number of individual labels: 96, text field height: 5.1 mm, text field width: 4.6 mm

LP 2,5/14 - Plug

1071725

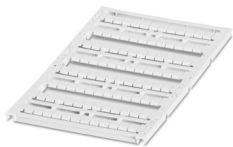
<https://www.phoenixcontact.com/in/products/1071725>



UC-TMF 5 CUS - Marker for terminal blocks

0824638

<https://www.phoenixcontact.com/in/products/0824638>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, Number of individual labels: 96, text field height: 5.1 mm, text field width: 4.6 mm

UCT-TMF 5 - Marker for terminal blocks

0828744

<https://www.phoenixcontact.com/in/products/0828744>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: latching, for terminal block width: 5.2 mm, Number of individual labels: 72, text field height: 4.7 mm, text field width: 4.4 mm

LP 2,5/14 - Plug

1071725

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UCT-TMF 5 CUS - Marker for terminal blocks

0829658

<https://www.phoenixcontact.com/in/products/0829658>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, Number of individual labels: 72, text field height: 4.7 mm, text field width: 4.4 mm

ISH 2,5/0,2 - Insulating sleeve

3002843

<https://www.phoenixcontact.com/in/products/3002843>



Insulating sleeve, color: white

LP 2,5/14 - Plug

1071725

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ISH 2,5/0,5 - Insulating sleeve

3002856

<https://www.phoenixcontact.com/in/products/3002856>



Insulating sleeve, color: gray

ISH 2,5/1,0 - Insulating sleeve

3002869

<https://www.phoenixcontact.com/in/products/3002869>



Insulating sleeve, color: black

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