

PP-H 1,5/S/1-R BK - Plug

1096660

<https://www.phoenixcontact.com/sg/products/1096660>



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.



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², color: black

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	1096660
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	BE2244
GTIN	4055626934204
Weight per piece (including packing)	2.02 g
Weight per piece (excluding packing)	2 g
Customs tariff number	85366990
Country of origin	PL

PP-H 1,5/S/1-R BK - Plug

1096660

<https://www.phoenixcontact.com/sg/products/1096660>



Technical data

Product properties

Product type	Terminal plug
Number of positions	1
Pitch	3.5 mm
Number of connections	1
Number of rows	1
Type	other
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Number of connections per level	1
Nominal cross section	1.5 mm ²

1 level

Stripping length	8 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.14 mm ² ... 1.5 mm ²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	26 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 1 mm ²
Nominal current	17.5 A (observe derating)
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Nominal voltage	500 V
Nominal cross section	1.5 mm ²

1 level Connection cross sections directly pluggable

Conductor cross section rigid	0.25 mm ² ... 1.5 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm ² ... 1 mm ²

Dimensions

Width	3.5 mm
-------	--------

PP-H 1,5/S/1-R BK - Plug



1096660

<https://www.phoenixcontact.com/sg/products/1096660>

Height	31.3 mm
Pitch	3.5 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Ambient conditions

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 61984
----------------------------------	-----------

Mounting

Assembly note	Use of a parallel pressing tool is recommended for easy latching of the COMBI connector and coupling elements for self-assembly
---------------	---

PP-H 1,5/S/1-R BK - Plug

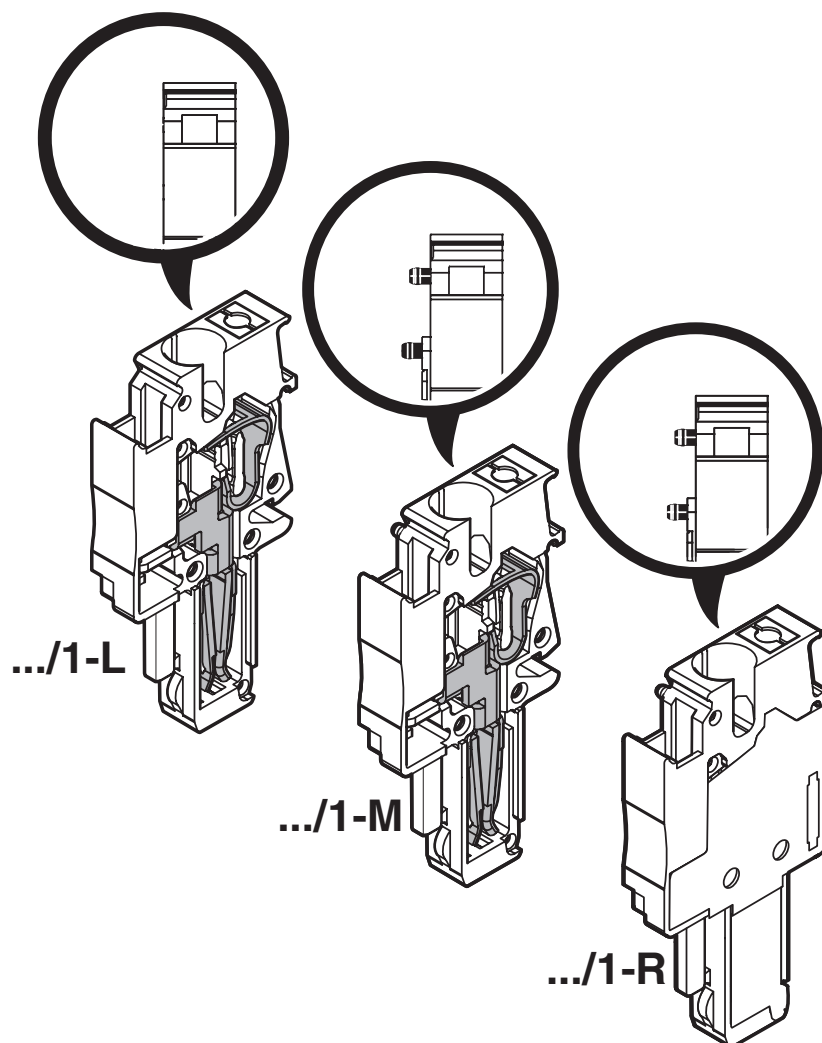
1096660

<https://www.phoenixcontact.com/sg/products/1096660>

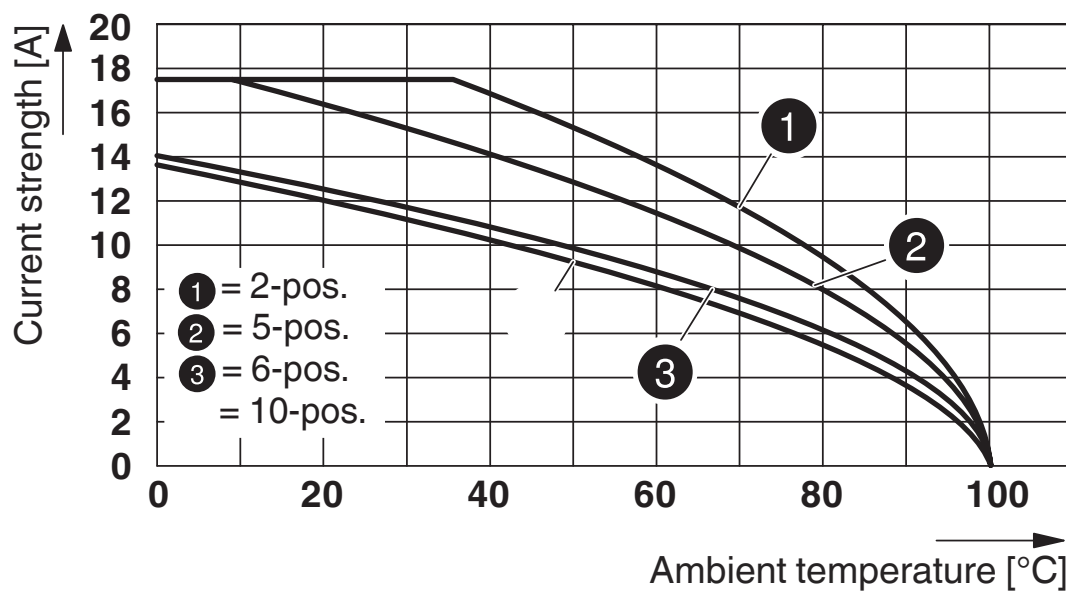


Drawings

Schematic diagram



Diagram



Circuit diagram



PP-H 1,5/S/1-R BK - Plug

1096660

<https://www.phoenixcontact.com/sg/products/1096660>



Classifications

ECLASS

ECLASS-11.0	27141151
-------------	----------

ETIM

ETIM 8.0	EC002021
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

PP-H 1,5/S/1-R BK - Plug

1096660

<https://www.phoenixcontact.com/sg/products/1096660>



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 SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg