

https://www.phoenixcontact.com/us/products/1186132



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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 mm^2 , cross section: 0.14 mm^2 - 1.5 mm^2 , color: gray

Product description

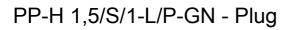
Connector element left, left housing without engagement pin, right opened without cover

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	1186132
Packing unit	50 pc
Minimum order quantity	50 рс
Product key	BE2244
GTIN	4063151227609
Weight per piece (including packing)	1.786 g
Weight per piece (excluding packing)	1.786 g
Country of origin	PL



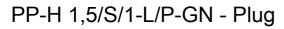
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Technical data

Product properties

P	Product type	Terminal plug
N	Number of positions	1
P	Pitch	3.5 mm
A	Area of application	Railway industry
		Machine building
		Plant engineering
N	Number of connections	1
N	Number of rows	1
Т	Гуре	other
P	Potentials	1
Insu	ulation characteristics	
С	Overvoltage category	III
C	Degree of pollution	3
Electr	rical properties	
F	Rated surge voltage	6 kV
	Maximum power dissipation for nominal condition	0.56 W
Conn	ection data	
N	Number of connections per level	1
N	Nominal cross section	1.5 mm ²
1 lev	vel	
S	Stripping length	8 mm 10 mm
Ir	nternal cylindrical gage	A1 / B1
С	Connection in acc. with standard	IEC 61984
С	Conductor cross section rigid	0.14 mm ² 1.5 mm ²
С	Cross section AWG	26 16 (converted acc. to IEC)
С	Conductor cross section flexible	0.14 mm² 1.5 mm²
С	Conductor cross section, flexible [AWG]	26 16 (converted acc. to IEC)
C	Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 1.5 mm²
F	Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² 1 mm²
N	Nominal current	17.5 A (observe derating)
N	Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
N	Nominal voltage	500 V
N	Nominal cross section	1.5 mm ²
1 lev	vel Connection cross sections directly pluggable	
C	Conductor cross section rigid	0.25 mm ² 1.5 mm ²
С	Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² 1.5 mm ²
F	Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm ² 1 mm ²



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Dimensions

Width	3.5 mm
Height	16.5 mm
Depth	31.3 mm
Pitch	3.5 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	1
Insulating material	PA

Mechanical properties

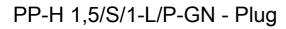
Mechanical data	
Open side panel	Yes

Environmental and real-life conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, no longer than 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 %
ndards and regulations	
Connection in acc. with standard	IEC 61984

Mounting

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



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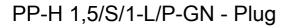
Classifications

ECLASS

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

ETIM

	ETIM 9.0	EC002021
UNSPSC		
	UNSPSC 21.0	39121400



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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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