

https://www.phoenixcontact.com/us/products/3045839



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Plug, nom. voltage: 800 V, nominal current: 32 A, number of positions: 4, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm², color: gray

#### Your advantages

- · Can be bridged with FBS ... standard bridges
- · Connector with lateral conductor connection direction
- The connected conductors can be led directly into the cable duct to save space

#### Commercial data

Item number	3045839
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1144
GTIN	4046356083348
Weight per piece (including packing)	25.022 g
Weight per piece (excluding packing)	23.825 g
Customs tariff number	85366990
Country of origin	TR



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### Technical data

#### Product properties

Product type	Terminal plug	
Number of positions	4	
Pitch	6.2 mm	
Potentials	1	
Insulation characteristics		
Overvoltage category	III	
Degree of pollution	3	

#### Electrical properties

Rated surge voltage	8 kV

#### Connection data

Nominal cross section	4 mm²
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 61984
Conductor cross-section rigid	0.14 mm² 6 mm²
Cross section AWG	26 10 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm² 6 mm²
Conductor cross-section, flexible [AWG]	26 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² 4 mm²
2 conductors with same cross section, solid	0.14 mm² 1.5 mm²
2 conductors with same cross section, flexible	0.14 mm² 1.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 mm² 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² 1 mm²
Nominal current	32 A
Maximum load current	32 A (with 6 mm² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	4 mm²

#### Dimensions

Width	24.8 mm
Height	22 mm
Depth	48.5 mm
Length	22 mm



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Pitch	6.2 mm
Material specifications	
Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed

#### Environmental and real-life conditions

Smoke gas toxicity NFPA 130 (SMP 800C)

#### Ambient conditions

Ambient temperature (operation)	-60 °C 105 °C (max. short-term operating temperature RTI Elec.)
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 %

passed

#### Standards and regulations

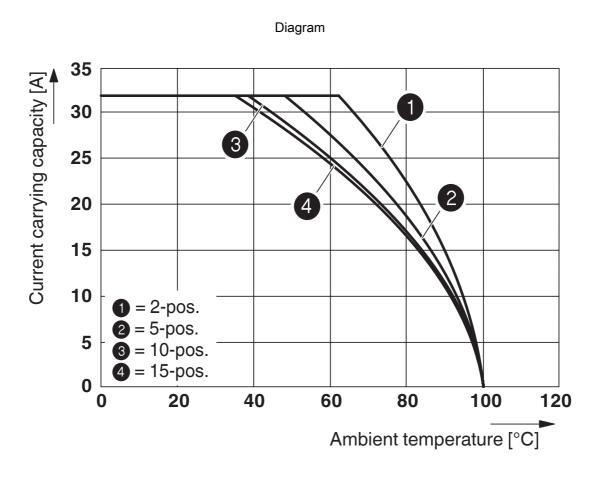
Connection in acc. with standard	IEC 61984	

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## Drawings



The figure shows the derating curve of the UT 4/1P... terminal block in connection with the UPVB 4 plug

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Circuit diagram





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## Classifications

UNSPSC 21.0

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	ECLASS-13.0	27250306
ΕT	ТМ	
	ETIM 9.0	EC002021
UN	NSPSC	

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### Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	0807e2b0-84f0-48d9-9ae0-74aea5f41208

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