3060186 https://www.phoenixcontact.com/us/products/3060186



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Plug, nom. voltage: 800 V, nominal current: 32 A, number of positions: 8, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm²- 6 mm², color: gray

Your advantages

- Conductor connection from above
- Screw actuation from the side
- · The plug design enables space-saving potential distribution by using four-conductor terminal blocks with two slots

Commercial data

Item number	3060186
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BE01
Product key	BE1144
Catalog page	Page 336 (C-1-2019)
GTIN	4046356090353
Weight per piece (including packing)	38.392 g
Weight per piece (excluding packing)	38.392 g
Customs tariff number	85366990
Country of origin	TR

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Technical data

Product properties

Product type		Terminal plug
Number of positions		8
Pitch		6.2 mm
Potentials		1
Insulation characteristics		
Overvoltage category		111
Degree of pollution		3
, , , , , , , , , , , , , , , , , , ,		
Electrical properties		
Rated surge voltage		8 kV
Connection data		
Nominal cross section		4 mm ²
Screw thread		M3
Tightening torque		0.6 0.8 Nm
Stripping length		9 mm
Internal cylindrical gage		A4
Connection in acc. with star	ndard	IEC 61984
Conductor cross section rigi	id	0.2 mm ² 6 mm ²
Cross section AWG		24 10 (converted acc. to IEC)
Conductor cross section flex	xible	0.2 mm² 6 mm²
Conductor cross section, fle	xible [AWG]	24 10 (converted acc. to IEC)
Conductor cross-section flex	xible (ferrule without plastic sleeve)	0.25 mm² 4 mm²
Flexible conductor cross see	ction (ferrule with plastic sleeve)	0.25 mm ² 4 mm ²
2 conductors with same cros	ss section, solid	0.2 mm ² 1.5 mm ²
2 conductors with same cros	ss section, flexible	0.2 mm ² 1.5 mm ²
2 conductors with same cros without plastic sleeve	ss section, flexible, with ferrule	0.25 mm² 1.5 mm²
2 conductors with the same ferrule with plastic sleeve	cross section, flexible, with TWIN	0.5 mm² 1.5 mm²
Nominal current		32 A
Maximum load current		32 A (with 6 mm ² conductor cross section)
Nominal voltage		800 V
Nominal cross section		4 mm ²

Dimensions

Width	49.6 mm
Height	21 mm
Depth	41.2 mm
Length	21 mm
Pitch	6.2 mm

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Material specifications

Color	gray
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))	125 °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)	27,5 MJ/kg
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 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 %

Connection in acc. with standard	IEC 61984
	120 01001

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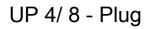
Classifications

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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