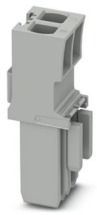
CP 2,5/2 - Connector housing

3061102

https://www.phoenixcontact.com/us/products/3061102

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Connector housing, nom. voltage: 500 V, nominal current: 10 A, connection method: Crimp connection, width: 10.3 mm, height: 30.5 mm, number of positions: 2, color: gray, mounting type: Plug-in mounting

Commercial data

Item number	3061102
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE22
Product key	BE2144
GTIN	4055626344744
Weight per piece (including packing)	2.155 g
Weight per piece (excluding packing)	2.155 g
Customs tariff number	85389099
Country of origin	PL

Technical data

Product properties

Product type	Plug
Number of positions	2

Insulation characteristics

Overvoltage category	III
Pollution degree	3

Connection data

Connection method	Crimp connection
Nominal cross section	1.5 mm²
Nominal current	10 A
Maximum load current	13.5 A
Nominal voltage	500 V

Dimensions

Width	10.3 mm
Height	30.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	CTI 600
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 (storage/transport)	30 % ... 70 %

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3061102

EAC
Approval ID: KZ7500651131219505

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
C				
	300 V	13.5 A	14	-

Classifications

ECLASS

ECLASS-13.0	27250306
ECLASS-15.0	27250306

ETIM

ETIM 10.0	EC002021

UNSPSC

UNSPSC 21.0	31261500

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%

EF3.1 Climate Change

CO2e kg	0.013 kg CO2e

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