

CP 2,5/10 - Connector housing



3061110

<https://www.phoenixcontact.com/us/products/3061110>

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Connector housing, nom. voltage: 500 V, nominal current: 10 A, connection method: Crimp connection, width: 51.5 mm, height: 30.5 mm, number of positions: 10, color: gray

Commercial data

Item number	3061110
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE22
Product key	BE2144
GTIN	4055626345321
Weight per piece (including packing)	8.24 g
Weight per piece (excluding packing)	8.24 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

Product properties

Product type	Plug
Number of positions	10

Insulation characteristics

Overvoltage category	III
Pollution degree	3

Connection data

Connection method	Crimp connection
Nominal cross section	1.5 mm ²
Nominal current	10 A
Maximum load current	13.5 A (with 1.5 mm ² conductor cross-section)
Nominal voltage	500 V

Dimensions

Width	51.5 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 %

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3061110>

**EAC**

EAC
Approval ID: KZ7500651131219505

C	cULus Recognized Approval ID: E60425			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	300 V	13.5 A	14	-

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Classifications

ECLASS

ECLASS-13.0	27250306
ECLASS-15.0	27250306

ETIM

ETIM 10.0	EC002021
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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EF3.1 Climate Change

CO2e kg	0.047 kg CO2e
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