

UPCT 4/2 - Short-circuit connector

3057461

<https://www.phoenixcontact.com/us/products/3057461>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Plug, 2-pos. with integrated, automatic short circuit function



Commercial data

Item number	3057461
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE01
Product key	BE1144
GTIN	4046356521802
Weight per piece (including packing)	20.06 g
Weight per piece (excluding packing)	19.88 g
Customs tariff number	85366990
Country of origin	PL

UPCT 4/2 - Short-circuit connector

3057461

<https://www.phoenixcontact.com/us/products/3057461>



Technical data

Product properties

Product type	Short-circuit connector
Number of positions	2
Pitch	6.2 mm
Potentials	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
---------------------	------

Connection data

Nominal cross section	4 mm ²
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 mm ² ... 6 mm ²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	20 A
Maximum load current	20 A
Nominal voltage	320 V
Nominal cross section	4 mm ²

Dimensions

Width	12.4 mm
Height	38.5 mm
Depth	48.5 mm
Length	38.5 mm

UPCT 4/2 - Short-circuit connector



3057461

<https://www.phoenixcontact.com/us/products/3057461>

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
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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

UPCT 4/2 - Short-circuit connector

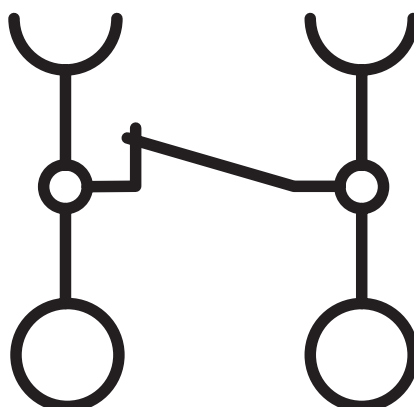
3057461

<https://www.phoenixcontact.com/us/products/3057461>



Drawings

Circuit diagram



UPCT 4/2 - Short-circuit connector



3057461

<https://www.phoenixcontact.com/us/products/3057461>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3057461>



CSA
Approval ID: 13631

	cULus Recognized Approval ID: E60425			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	25 A	26 - 10	-
D				
	300 V	10 A	26 - 10	-



CSA
Approval ID: 13631



EAC
Approval ID: KZ7500651131219505

UPCT 4/2 - Short-circuit connector



3057461

<https://www.phoenixcontact.com/us/products/3057461>

Classifications

ECLASS

ECLASS-13.0	27250306
ECLASS-15.0	27250306

ETIM

ETIM 9.0	EC002021
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

UPCT 4/2 - Short-circuit connector



3057461

<https://www.phoenixcontact.com/us/products/3057461>

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	bb7f724f-f3e6-4854-8157-15a58c34f12c

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com