

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

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.



Disconnect terminal block, Current and voltage are determined by the plug used., nom. voltage: 400 V, nominal current: 20 A, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, color: blue

Commercial data

Item number	3046579
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE1132
Product key	BE1132
Catalog page	Page 151 (C-1-2019)
GTIN	4046356285902
Weight per piece (including packing)	10.05 g
Weight per piece (excluding packing)	9.6 g
Customs tariff number	85369010
Country of origin	DE

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Technical data

Notes

General	Current and voltage are determined by the plug used.
---------	--

Product properties

Product type	Disconnect terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²
Rated cross section AWG	12

Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	9 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.14 mm ² ... 4 mm ²
Cross section AWG	26 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 2.5 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 ... 1.5 mm ²
Nominal current	20 A (with 4 mm ² conductor cross section)
Maximum load current	20 A (with 4 mm ² conductor cross section)
Nominal voltage	400 V (Current and voltage are determined by the plug used.)

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Nominal cross section	2.5 mm²
-----------------------	---------

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Height	57.8 mm
Depth on NS 35/7,5	47.5 mm
Depth on NS 35/15	55 mm

Material specifications

Color	blue
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

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Mounting

Mounting type	NS 35/7,5
	NS 35/15

UT 2,5-TG BU - Disconnect terminal block

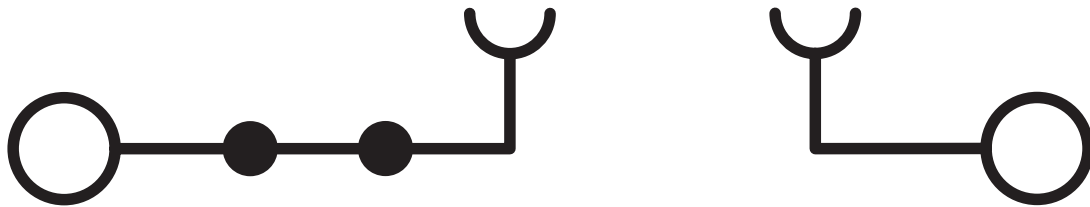
3046579

<https://www.phoenixcontact.com/au/products/3046579>



Drawings

Circuit diagram



UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/3046579>

CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	16 A	26 - 12	-
Use group C				
	300 V	16 A	26 - 12	-
Use group D				
	300 V	10 A	26 - 12	-

EAC Approval ID: RU C-DE.BL08.B.00534				
--	--	--	--	--

cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	16 A	26 - 12	-
Multi-conductor connection	300 V	16 A	26 - 16	-
Use group C				
	300 V	16 A	26 - 12	-
Multi-conductor connection	300 V	16 A	26 - 16	-
Use group D				
	300 V	10 A	26 - 12	-
Multi-conductor connection	300 V	10 A	26 - 16	-

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Classifications

ECLASS

ECLASS-11.0	27141126
ECLASS-12.0	27141126
ECLASS-13.0	27250107

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

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

UT 2,5-TG BU - Disconnect terminal block



3046579

<https://www.phoenixcontact.com/au/products/3046579>

Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au