

UTTB 4-L/N - Feed-through terminal block



3044788

<https://www.phoenixcontact.com/us/products/3044788>

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.



Feed-through terminal block, nom. voltage: 800 V, nominal current: 30 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Globally recognized: Internationally proven screw connection
- Maintenance-free and vibration-resistant thanks to the patented Reakdyn principle
- Space savings and flexibility with the connection of two identical conductors
- Long-term stable connections with the use of high-quality materials
- Low self-heating due to high contact forces
- Maximum efficiency in the smallest space - thanks to integrated level bridging, the connections are connected across levels
- High space savings thanks to the compact integration of two separate circuits in a single terminal block

Commercial data

Item number	3044788
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1114
GTIN	4017918997113
Weight per piece (including packing)	20.052 g
Weight per piece (excluding packing)	20.042 g
Customs tariff number	85369010
Country of origin	PL

UTTB 4-L/N - Feed-through terminal block

3044788

<https://www.phoenixcontact.com/us/products/3044788>



Technical data

Product properties

Product type	Multi-level terminal block
Product family	UT
Number of connections	4
Number of rows	2

Electrical properties

Maximum power dissipation for nominal condition	1.02 W
---	--------

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

Level 1+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 60947-7-1
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 ... 2.5 mm ²
Nominal current	30 A
Maximum load current	36 A (with 6 mm ² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	4 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
	3047293 D-UTTB 2,5/4

UTTB 4-L/N - Feed-through terminal block



3044788

<https://www.phoenixcontact.com/us/products/3044788>

Ex-certified accessories	3047303 DP-UTTB 2,5/4 3047316 ATP-UTTB 2,5/4 1212587 SF-SL 0,6X3,5-100 S-VDE 3022276 CLIPFIX 35-5 3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-6 / 3030336 Plug-in bridge / FBS 3-6 / 3030242 Plug-in bridge / FBS 4-6 / 3030255 Plug-in bridge / FBS 5-6 / 3030349 Plug-in bridge / FBS 10-6 / 3030271 Plug-in bridge / FBS 20-6 / 3030365
Bridge data	25.5 A / 4 mm ²
Ex temperature increase for bridging with bridge	40 K (28.5 A / 4 mm ²)
- At bridging between non-adjacent terminal blocks	440 V
- At bridging between non-adjacent terminal blocks via PE terminal block	275 V
- At cut-to-length bridging with cover	275 V
- At cut-to-length bridging with partition plate	220 V
Rated insulation voltage output	176 V 400 V (Permanent)

Ex level General

Rated voltage	440 V
Rated current	25.5 A
Maximum load current	31.5 A

Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	4 mm ²
Rated cross section AWG	12
Connection capacity rigid	0.14 mm ² ... 6 mm ²
Connection capacity AWG	26 ... 10
Connection capacity flexible	0.14 mm ² ... 4 mm ²
Connection capacity AWG	26 ... 12
2 conductors with same cross section, solid	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross-section AWG rigid	26 ... 16
2 conductors with same cross section, stranded	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross-section AWG flexible	26 ... 16
output	(Permanent)

Ex level Level 1

Contact resistance	0.35 mΩ
output	(Permanent)

Ex level Level 2

UTTB 4-L/N - Feed-through terminal block



3044788

<https://www.phoenixcontact.com/us/products/3044788>

Contact resistance	0.2 mΩ
--------------------	--------

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	69.9 mm
Depth on NS 35/7,5	65 mm
Depth on NS 35/15	72.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
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

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
----------------------------------	---------------

Mounting

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

UTTB 4-L/N - Feed-through terminal block

3044788

<https://www.phoenixcontact.com/us/products/3044788>



NS 35/15

UTTB 4-L/N - Feed-through terminal block



3044788

<https://www.phoenixcontact.com/us/products/3044788>

Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3044788>

		CSA		
		Approval ID: 13631		
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
B		300 V	30 A	26 - 10
C		300 V	30 A	26 - 10
D		600 V	5 A	26 - 10

		cUL Recognized		
		Approval ID: FILE E 60425		
		Nominal voltage U_N	Nominal current I_N	Cross section AWG
B		300 V	30 A	26 - 10
C		300 V	30 A	26 - 10
D		600 V	5 A	26 - 10

		cULus Recognized		
		Approval ID: E60425		

		cULus Recognized		
		Approval ID: E60425		

		ATEX		
		Approval ID: KEMA06ATEX0017U		

		IECEx		
		Approval ID: IECEx KEM 06.0013U		

		CCC		
		Approval ID: 2020322313000622		

UTTB 4-L/N - Feed-through terminal block



3044788

<https://www.phoenixcontact.com/us/products/3044788>



UKCA-EX

Approval ID: DEKRA 21UKEX0305U

UTTB 4-L/N - Feed-through terminal block

3044788

<https://www.phoenixcontact.com/us/products/3044788>



Classifications

ECLASS

ECLASS-13.0	27250102
ECLASS-15.0	27250102

ETIM

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

UNSPSC

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

UTTB 4-L/N - Feed-through terminal block

3044788

<https://www.phoenixcontact.com/us/products/3044788>



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	d92f0a88-224f-4f78-90b1-ada25b011338

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