

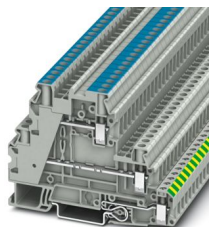
UT 4-PE/L/N - Multi-level terminal block



3214361

<https://www.phoenixcontact.com/us/products/3214361>

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Multi-level terminal block, nom. voltage: 500 V, nominal current: 30 A, number of connections: 5, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm² - 6 mm², 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

Commercial data

Item number	3214361
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1125
GTIN	4046356895705
Weight per piece (including packing)	31.352 g
Weight per piece (excluding packing)	31.352 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Ground terminal block
Product family	UT
Number of connections	5
Number of rows	3
Potentials	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
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 above 1 below 1

Connection method	Screw connection
Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
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 ultrasound-compressed	0.34 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 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
Nominal current	30 A
Maximum load current	36 A (with 6 mm ² conductor cross-section)
Nominal voltage	500 V
Nominal cross section	4 mm ²

Level 2

Connection method	Screw connection
Screw thread	M3

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Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.14 mm² ... 6 mm²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm² ... 6 mm²
Conductor cross-section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² ... 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² ... 4 mm²
Nominal current	30 A (with 4 mm² conductor cross-section)
Maximum load current	36 A (with 6 mm² conductor connection)
Nominal voltage	500 V
Nominal cross section	4 mm²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 3 G Ex ec IIC Gc
Operating temperature range	-60 °C ... 130 °C
Ex-certified accessories	3047183 ATP-UT-TWIN
	1205053 SZS 0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
Rated insulation voltage	500 V
output	(Permanent)

Ex level General

Rated voltage	550 V
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Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	4 mm²
Rated cross section AWG	12
Connection capacity rigid	0.14 mm² ... 6 mm²
Connection capacity AWG	26 ... 10
Connection capacity flexible	0.14 mm² ... 6 mm²
Connection capacity AWG	26 ... 10
2 conductors with same cross section, solid	0.14 mm² ... 1.5 mm²
2 conductors with the same cross-section AWG rigid	26 ... 16
2 conductors with same cross section, stranded	0.14 mm² ... 1.5 mm²
2 conductors with the same cross-section AWG flexible	26 ... 16
Conductor cross-section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross-section flexible, with ferrule without plastic sleeve max.	4 mm²
Single conductor/terminal point, flexible, with ferrule, without	26 ... 12

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plastic sleeve, AWG	
output	(Permanent)

Ex level Level 2

Rated current	26 A (4 mm ²)
Maximum load current	32 A (6 mm ²)
Contact resistance	0.6 mΩ
Temperature increase	40 K (26 A / 4 mm ²)
output	(Permanent)

Ex level Level 3

Rated current	26 A (4 mm ²)
Maximum load current	32 A (6 mm ²)
Contact resistance	0.4 mΩ
Temperature increase	40 K (26 A / 4 mm ²)

Dimensions

Width	6.2 mm
Height	92.7 mm
Depth	60.1 mm
Depth on NS 35/7,5	61.7 mm
Depth on NS 35/15	69.2 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
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

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

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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
	IEC 60947-7-1

Mounting

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

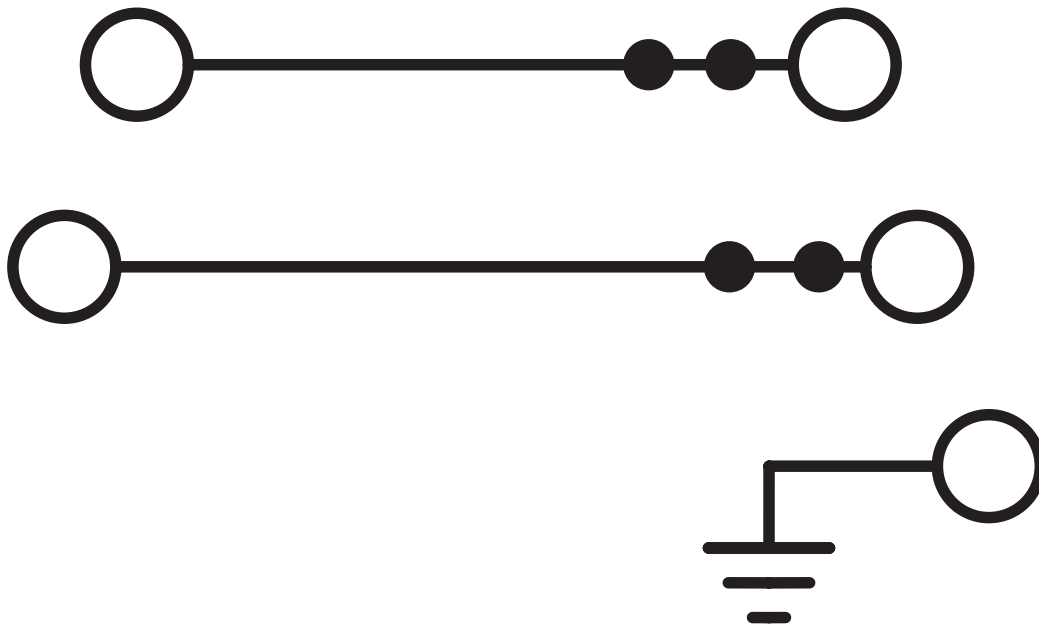
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3214361>

cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
PE connection	-	-	26 - 10	-
C				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
PE connection	-	-	26 - 10	-
D				
PE connection	-	-	26 - 10	-

cUL Recognized Approval ID: E192998				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
upper level	300 V	16 A	26 - 10	26 - 10
PE connection	-	-	26 - 10	26 - 10
middle level	300 V	20 A	26 - 10	26 - 10

IECEx Approval ID: IECExKIWA14.0014U	
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UL Recognized Approval ID: E192998				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
upper level	300 V	16 A	26 - 10	-
PE connection	-	-	26 - 10	-
middle level	300 V	20 A	26 - 10	-

CCC Approval ID: 2020322313000632	
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ATEX

Approval ID: KIWA14ATEX0025U



UKCA-EX

Approval ID: CSAE 21UKEX3606U



EAC Ex

Approval ID: KZ 7500525010101950

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Classifications

ECLASS

ECLASS-13.0	27250104
ECLASS-15.0	27250104

ETIM

ETIM 9.0	EC000901
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UNSPSC

UNSPSC 21.0	39121400
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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	070d9be0-4642-46fa-b8ab-1716b03f7bb7

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