

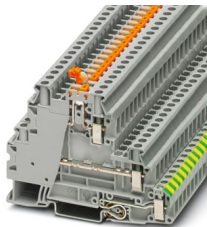
UT 4-PE/L/MT - Multi-level terminal block



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

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.



Multi-level terminal block, nom. voltage: 500 V, nominal current: 28 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm² - 6 mm², connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 6 mm², mounting: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	3214364
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1131
Catalog page	Page 162 (C-1-2019)
GTIN	4046356895699
Weight per piece (including packing)	32.032 g
Weight per piece (excluding packing)	32.032 g
Customs tariff number	85369010
Country of origin	PL

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Technical data

Product properties

Product type	Multi-level 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

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	4 mm ²

Level 1 above 1 below 1

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/IEC 60947-7-2
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
Nominal current	28 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

Screw thread	M3
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)

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

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	20 A (with 4 mm² conductor cross section)
Maximum load current	20 A (with 6 mm² conductor connection)
Nominal voltage	500 V
Nominal cross section	2.5 mm²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 3 G Ex ec IIC Gc
Operating temperature range	-60 °C ... 130 °C
Operating cycles of the disconnect knife	100
Ex-certified accessories	3047183 ATP-UT-TWIN
	1205053 SZS 0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
Rated voltage	550 V
Rated insulation voltage	500 V
output	(Permanent)

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 plastic sleeve, AWG	26 ... 12
output	(Permanent)

Ex level Level 2

Rated current	24 A (4 mm²)
Maximum load current	32 A (6 mm²)

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Contact resistance	0.6 mΩ
Temperature increase	40 K (24 A / 4 mm²)
output	(Permanent)

Ex level Level 3

Rated current	16 A (4 mm²)
Maximum load current	16 A (6 mm²)
Contact resistance	1.3 mΩ
Temperature increase	40 K (16 A / 4 mm²)

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
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

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

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/IEC 60947-7-2
	IEC 60947-7-1

Mounting

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

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

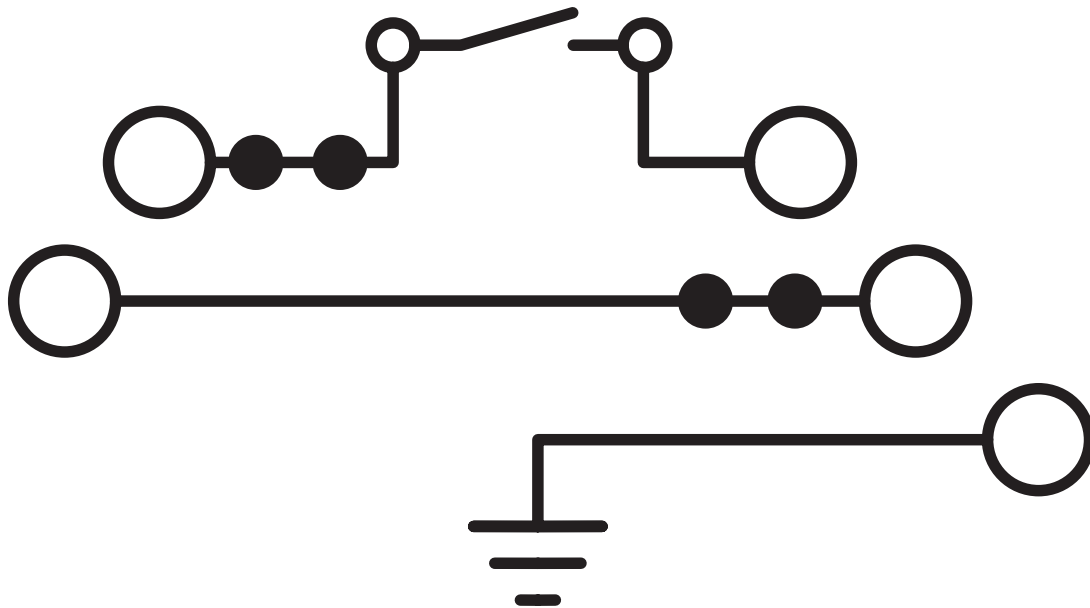


3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Drawings

Circuit diagram



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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ca/products/3214364>



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				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
PE connection	-	-	26 - 10	-
Use group C				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
PE connection	-	-	26 - 10	-
Use group 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
PE connection	-	-	26 - 10	26 - 10
middle level	300 V	20 A	26 - 10	26 - 10
Disconnect terminal block function	300 V	16 A	26 - 10	26 - 10



IECEx

Approval ID: IECExKIWA14.0014U



UL Recognized

Approval ID: E192998

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
PE connection	-	-	26 - 10	-
middle level	300 V	20 A	26 - 10	-
Disconnect terminal block function	300 V	16 A	26 - 10	-



CCC

Approval ID: 2020322313000632

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>



ATEX

Approval ID: KIWA14ATEX0025U



UKCA-EX

Approval ID: CSAE 21UKEX3606U

cULus Recognized

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



3214364

<https://www.phoenixcontact.com/ca/products/3214364>

Classifications

ECLASS

ECLASS-11.0	27141126
ECLASS-12.0	27141126
ECLASS-13.0	27250108

ETIM

ETIM 9.0	EC000902
----------	----------

UNSPSC

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

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



3214364
<https://www.phoenixcontact.com/ca/products/3214364>

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	3420a0d8-85ca-4118-a15f-71788b9b6a20

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

PHOENIX CONTACT Ltd
8240 Parkhill Drive
Milton, Ontario L9T 5V7
1-800-890-2820
cdinfo@phoenixcontact.ca