

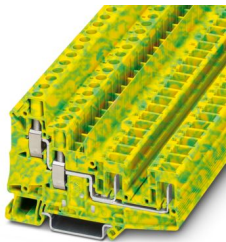
UT 6-QUATTRO/2P-PE - Ground terminal



3060584

<https://www.phoenixcontact.com/us/products/3060584>

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Ground terminal, The max. load current must not be exceeded by the total current of all connected conductors.
Current and voltage are determined by the plug used., number of connections: 4, connection method: Screw/plug-in connection, cross section: 0.2 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, color: green-yellow

Commercial data

Item number	3060584
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1142
Catalog page	Page 355 (C-1-2019)
GTIN	4046356605588
Weight per piece (including packing)	32.964 g
Weight per piece (excluding packing)	30.9 g
Customs tariff number	85369010
Country of origin	CN

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Technical data

Notes

General	The max. load current must not be exceeded by the total current of all connected conductors. Current and voltage are determined by the plug used.
General	
Note	The max. load current must not be exceeded by the total current of all connected conductors. With a free-hanging connection, an insulating foil has to be placed between the plug connection and electrically conductive surfaces.

Product properties

Product type	Ground terminal block
Number of connections	4
Number of rows	1
Data management status	
Article revision	03
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.31 W

Connection data

Grounding foot	Yes
Number of connections per level	4
Nominal cross section	6 mm ²
Rated cross section AWG	8
Level 1 above 1 below 1	
Screw thread	M4
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.2 mm ² ... 10 mm ²
Cross section AWG	24 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	24 ... 8 (converted acc. to IEC)

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Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 6 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 6 mm ²

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height	86.5 mm
Depth on NS 35/7,5	60 mm
Depth on NS 35/15	67.5 mm

Material specifications

Color	green-yellow
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	Yes
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Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2022-06
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 (m/s ²) ² /Hz
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2022-06
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms

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Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

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, no longer than 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
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Mounting

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

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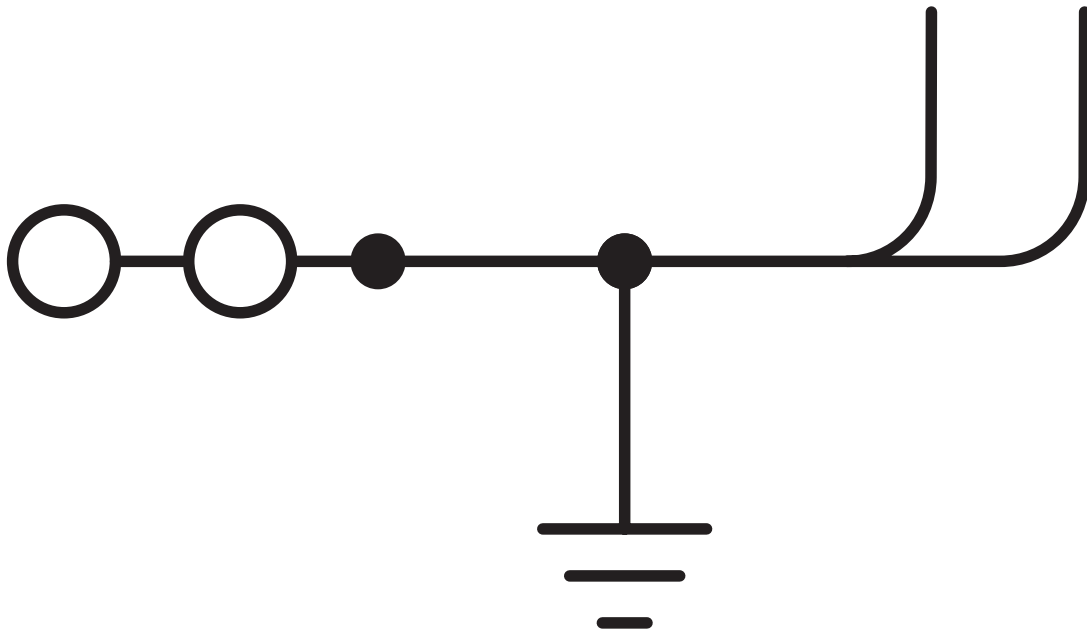
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3060584>

CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	-	24 - 8	-

CB IECEE CB Scheme Approval ID: DE1-62748				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	1000 V	-	-	0.2 - 10

EAC Approval ID: RU C-DE.BL08.B.00534				
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cULus cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	-	-	24 - 8	-
Use group C	-	-	24 - 8	-
Use group D	-	-	24 - 8	-

VDE VDE Gutachten mit Fertigungsüberwachung Approval ID: 40034876				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	1000 V	-	-	0.2 - 10

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Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

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, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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