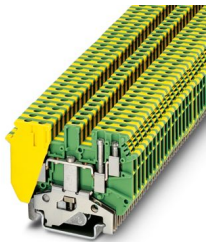


2775456

<https://www.phoenixcontact.com/au/products/2775456>

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Protective conductor terminal block, number of connections: 4, connection method: Screw connection, 1 level, cross section: 0.2 mm² - 4 mm², mounting method: PE foot with mounting screw, M2.5, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Your advantages

- Two connection points on each side to accommodate several conductors
- Double bridge shaft enables individual potential distribution and supply

Commercial data

Item number	2775456
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE1223
Product key	BE1223
Catalog page	Page 471 (C-1-2019)
GTIN	4017918068585
Weight per piece (including packing)	24.38 g
Weight per piece (excluding packing)	24.38 g
Customs tariff number	85369010
Country of origin	PL

UDK 3-PE - Protective conductor terminal block



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Technical data

Product properties

Product type	Ground terminal block
Product family	UDK
Number of connections	4
Number of rows	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

1 level

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²

Dimensions

Width	5.2 mm
Height	63.5 mm
Depth on NS 32	52 mm
Depth on NS 35/7,5	47 mm
Depth on NS 35/15	54.5 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V2
Insulating material group	I

UDK 3-PE - Protective conductor terminal block



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Insulating material	PA
Static insulating material application in cold	-40 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Mechanical properties

General

Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)
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Mechanical data

Open side panel	No
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Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
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Shocks

Test directions	X-, Y- and Z-axis (pos. and neg.)
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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 60947-7-2
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Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)

UDK 3-PE - Protective conductor terminal block

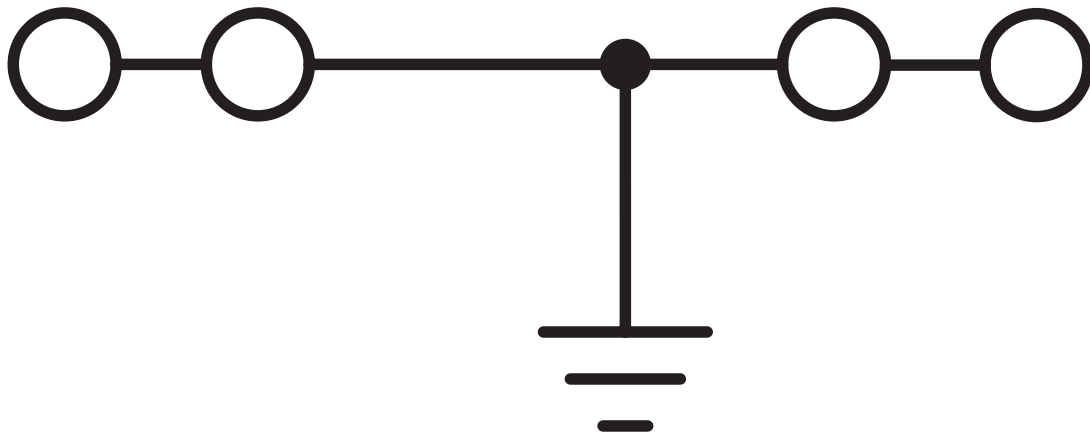


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Drawings

Circuit diagram



UDK 3-PE - Protective conductor terminal block



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/2775456>



EAC

Approval ID: KZ7500651131219505



cULus Recognized

Approval ID: E62425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	-	-	30 - 12	-
Clamping screw	-	-	30 - 12	-
Use group C				
	-	-	30 - 12	-
Clamping screw	-	-	30 - 12	-

UDK 3-PE - Protective conductor terminal block



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Classifications

ECLASS

ECLASS-13.0	27250103
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ETIM

ETIM 9.0	EC000901
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UNSPSC

UNSPSC 21.0	39121400
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UDK 3-PE - Protective conductor terminal block



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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	1e403104-ff61-41db-9995-b217ea3fe110

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