

Feed-through terminal block - UDK 4-MTK BU



2775278

<https://www.phoenixcontact.com/de/produkte/2775278>

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Feed-through terminal block, nom. voltage: 630 V, nominal current: 16 A, 1 level, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting: NS 32, NS 35/7,5, NS 35/15, color: blue

Commercial Data

Item number	2775278
Packing unit	50 pc
Minimum order quantity	1 pc
Sales Key	A1 - Reihenklemmen
Product Key	BE1231
GTIN	4017918068554
Weight per Piece (including packing)	16,34 g
Weight per Piece (excluding packing)	16,34 g
Customs tariff number	85369010
Country of origin	PL

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Technical Data

Product properties

Product type	Disconnect terminal block
Number of connections	4
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

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

1 level

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Conductor cross section solid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Cross-section with insertion bridge, rigid	2.5 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	16 A (with 6 mm ² conductor cross section)
Maximum load current	16 A (in case of a 6 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	630 V
Nominal cross section	4 mm ²

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Dimensions

Width	6.2 mm
Height NS 35/15	54.5 mm
Height NS 35/7,5	47 mm
Height NS 32	52 mm
Length	63.5 mm

Material specifications

Color	blue
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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Mounting

Mounting type	NS 32
	NS 35/7,5
	NS 35/15

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Approvals

DNV Approval ID: TAE00001CT				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			-	-

EAC Approval ID: RU C-DE.AI30.B.01102	
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EAC Approval ID: RU C-DE.BL08.B.00534	
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Classifications

ECLASS

ECLASS-9.0	27141126
ECLASS-10.0.1	27141126
ECLASS-11.0	27141126

ETIM

ETIM 8.0	EC000902
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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