UDK 4-MTK-P/P BU - Knife-disconnect terminal block

2775223

https://www.phoenixcontact.com/us/products/2775223

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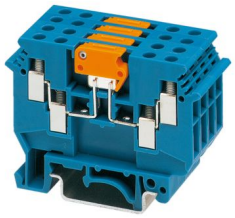

Knife-disconnect terminal block, With test socket screws for insertion of test plugs, nom. voltage: 630 V, nominal current: 16 A, 1 level, connection method: Screw connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 6 mm^2, mounting: NS 35/7,5, NS 35/15, NS 32, color: blue

Your advantages

- Closed housing of double-level terminal blocks
- Space-saving design just 6.2 mm wide
- User-friendly disconnect knife operation

Commercial data

Item number	2775223
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1231
Catalog page	Page 514 (C-1-2019)
GTIN	4017918068523
Weight per piece (including packing)	16.49 g
Weight per piece (excluding packing)	16.49 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

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

Data management status

Article revision	10

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 mm²

1 level

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm² ... 6 mm²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² ... 4 mm²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 1.5 mm²
Cross-section with insertion bridge, rigid	2.5 mm²
Cross-section with insertion bridge, flexible	2.5 mm²
2 conductors with same cross section, solid	0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1 mm²
Nominal current	16 A (with 6 mm² conductor cross section)
Maximum load current	16 A (with a 6 mm² conductor cross section)

Nominal voltage	630 V (The maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal cross section	4 mm²

Dimensions

Width	6.2 mm
End cover width	1.5 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	blue (RAL 5015)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes

Environmental and real-life conditions

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

Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Thread type	()

Drawings

Circuit diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2775223

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	15 A	30 - 10	-
Use group C				
	300 V	15 A	30 - 10	-
Use group F				
	600 V	15 A	30 - 10	-
Use group D				
	600 V	5 A	30 - 10	-

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	15 A	22 - 10	-
Use group C				
	300 V	15 A	22 - 10	-
Use group D				
	600 V	10 A	22 - 10	-

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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000902

UNSPSC

UNSPSC 21.0	39121400

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	df53fa84-cd40-490d-b87e-aa9b1f67456f

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