

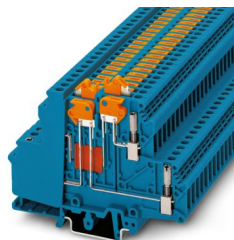
UDMTK 5-P/P BU - Knife-disconnect terminal block



3101113

<https://www.phoenixcontact.com/au/products/3101113>

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.



Knife-disconnect terminal block, With test socket screws for insertion of test plugs, nom. voltage: 400 V, nominal current: 10 A, 1st and 2nd level, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 4 mm², 2nd level, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, NS 32, color: blue

Your advantages

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

Commercial data

Item number	3101113
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE1231
Product key	BE1231
Catalog page	Page 515 (C-1-2019)
GTIN	4017918092610
Weight per piece (including packing)	31.36 g
Weight per piece (excluding packing)	31.36 g
Customs tariff number	85369010
Country of origin	TR

Technical data

Product properties

Product type	Disconnect terminal block
Number of connections	4
Number of rows	2
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

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

1st and 2nd 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 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 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 ... 2.5 mm ²
Nominal current	10 A
Maximum load current	10 A (with 4 mm ² conductor cross section)
Nominal voltage	400 V
Nominal cross section	4 mm ²

2nd level

Screw thread	M3
--------------	----

UDMTK 5-P/P BU - Knife-disconnect terminal block



3101113

<https://www.phoenixcontact.com/au/products/3101113>

Connection in acc. with standard	IEC 60947-7-1
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 ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 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 ... 2.5 mm ²
Nominal current	8 A (with 4 mm ² conductor cross section)
Maximum load current	10 A (in case of a 4 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	400 V
Nominal cross section	4 mm ²

Dimensions

Width	6.2 mm
Height	93 mm
Depth on NS 32	73.5 mm
Depth on NS 35/7,5	68.5 mm
Depth on NS 35/15	76 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	No
-----------------	----

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 %

UDMTK 5-P/P BU - Knife-disconnect terminal block



3101113

<https://www.phoenixcontact.com/au/products/3101113>

Permissible humidity (storage/transport)	30 % ... 70 %
--	---------------

Standards and regulations

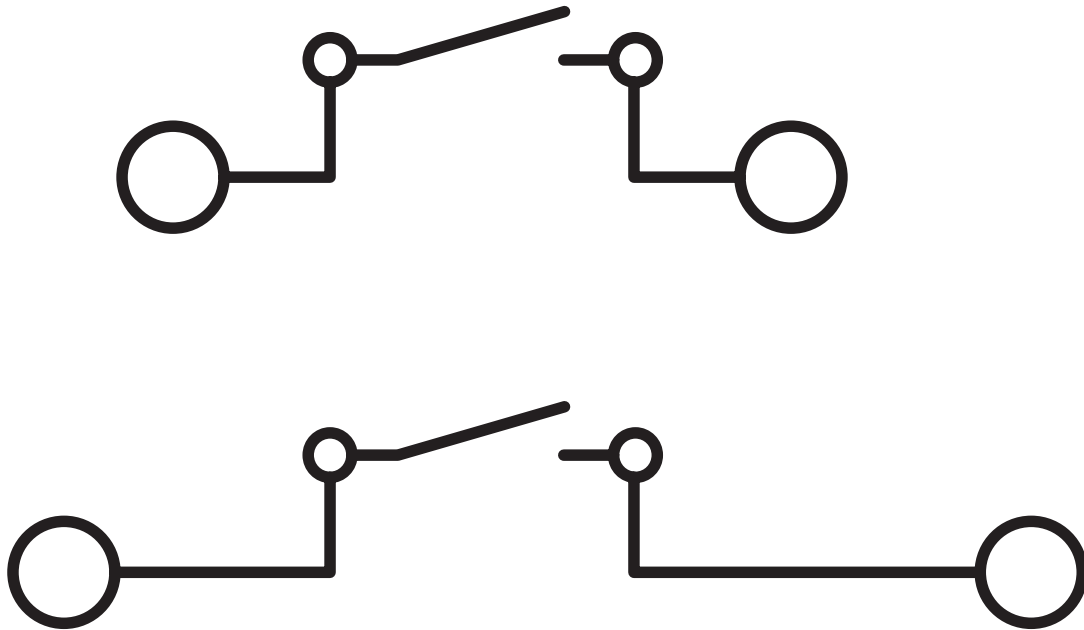
Connection in acc. with standard	IEC 60947-7-1
	IEC 60947-7-1

Mounting

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

Drawings

Circuit diagram



UDMTK 5-P/P BU - Knife-disconnect terminal block





3101113

<https://www.phoenixcontact.com/au/products/3101113>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/3101113>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	300 V	15 A	28 - 12	-

 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	8 A	26 - 12	-
Use group D				
	300 V	10 A	26 - 12	-

UDMTK 5-P/P BU - Knife-disconnect terminal block



3101113

<https://www.phoenixcontact.com/au/products/3101113>

Classifications

ECLASS

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	115a34b0-a32b-4a06-bd00-67ca42c91a90