

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



3101126

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Knife disconnect terminal block, With test socket screws for insertion of test plugs, nom. voltage: 400 V, nominal current: 8 A, 1st level connection left, 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: gray

Your advantages

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

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Commercial Data

Item number	3101126
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE1231
Product Key	BE1231
Catalog Page	Page 515 (C-1-2019)
GTIN	4017918092627
Weight per Piece (including packing)	28 g
Weight per Piece (excluding packing)	28 g
Customs tariff number	85369010
Country of origin	TR

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Technical Data

Product properties

Product type	Disconnect terminal block
Number of connections	3
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	3
Nominal cross section	4 mm ²

1st level connection left

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 solid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12
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 ... 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	8 A (The current supply from the system can take a maximum of 16 A. The current carrying capacity of the branches is a maximum of 8 A each.)
Nominal voltage	400 V
Nominal cross section	4 mm ²

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2nd level

Screw thread	M3
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
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 ... 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	8 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 NS 35/15	76 mm
Height NS 35/7,5	68.5 mm
Height	2.697 "
Height NS 32	73.5 mm
Length	76.5 mm

Material specifications

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

Mechanical properties

Mechanical data

Open side panel	No
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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.)
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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
	IEC 60947-7-1

Mounting

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

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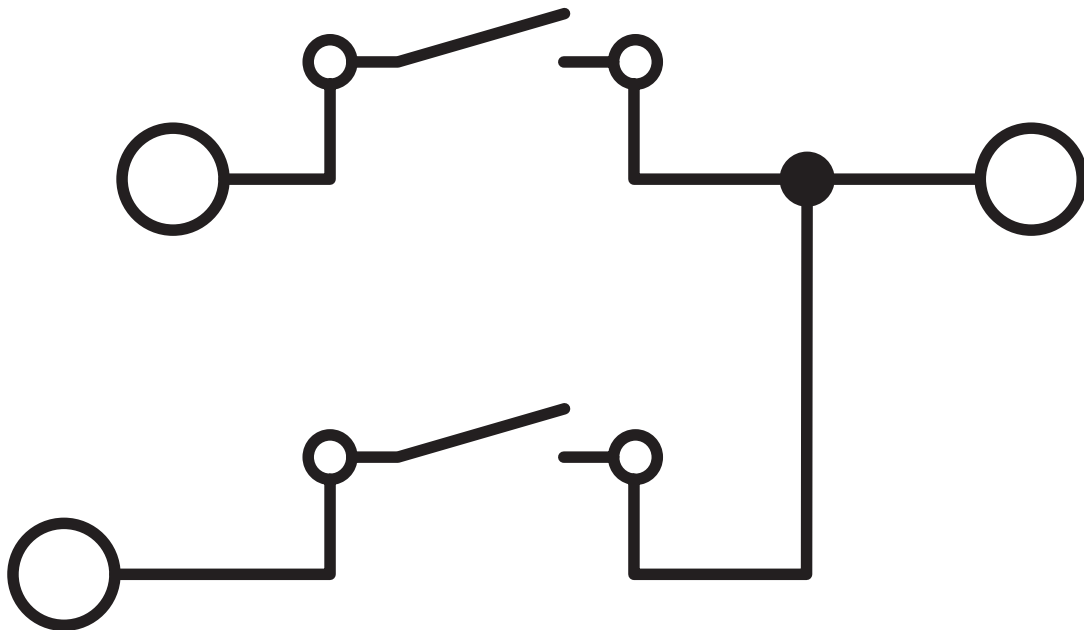


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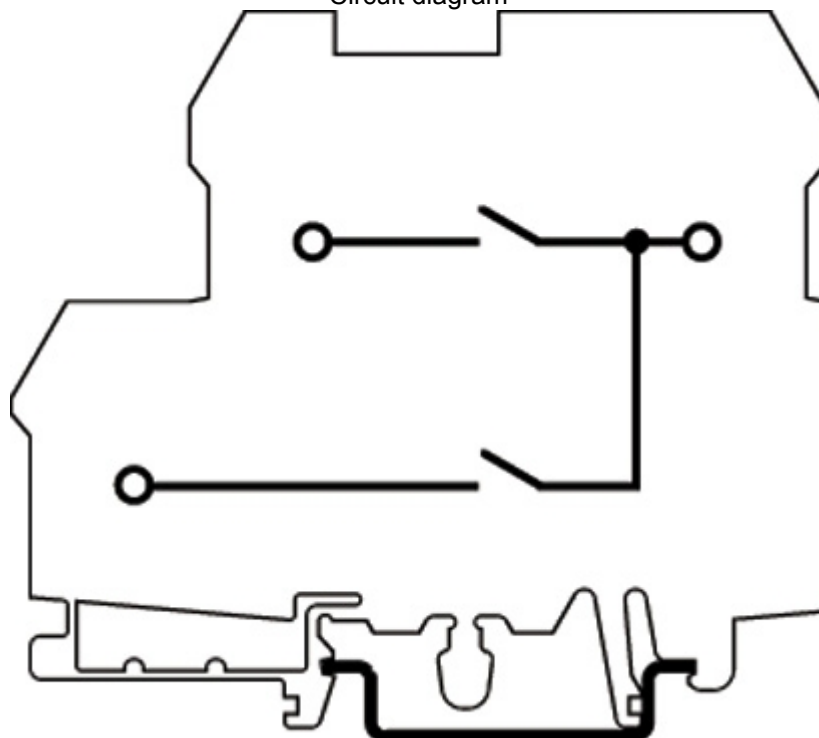
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Drawings

Circuit diagram



Circuit diagram



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Approvals

 CSA Approval ID: 13631				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	300 V	8 A	28 - 12	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
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 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 F	400 V	8 A	26 - 12	-

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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	39121410
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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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