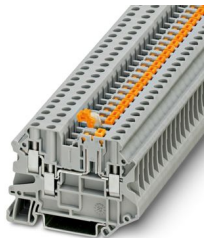


3064014

<https://www.phoenixcontact.com/gb/products/3064014>

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Knife-disconnect terminal block, With test socket screws for insertion of test plugs, nom. voltage: 500 V, nominal current: 20 A, number of connections: 3, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Compact design and high current carrying capacity of 20 A
- Double bridge shaft enables individual potential distribution and supply

Commercial data

Item number	3064014
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE1131
Product key	BE1131
Catalog page	Page 166 (C-1-2019)
GTIN	4046356285988
Weight per piece (including packing)	16.072 g
Weight per piece (excluding packing)	16.072 g
Customs tariff number	85369010
Country of origin	PL

UT 4-TWIN-MT P/P - Knife-disconnect terminal block



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Technical data

Product properties

Product type	Disconnect terminal block
Number of connections	3
Number of rows	1
Potentials	1

Data management status

Article revision	07
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Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	3
Nominal cross section	4 mm ²

Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.14 mm ² ... 6 mm ²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 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	20 A (with 6 mm ² conductor cross section)
Maximum load current	20 A (with 6 mm ² conductor cross section)
Nominal voltage	500 V
Nominal cross section	4 mm ²

UT 4-TWIN-MT P/P - Knife-disconnect terminal block



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Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	65.4 mm
Depth on NS 35/7,5	49.1 mm
Depth on NS 35/15	56.6 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	Yes
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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, no longer than 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
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Mounting

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

UT 4-TWIN-MT P/P - Knife-disconnect terminal block

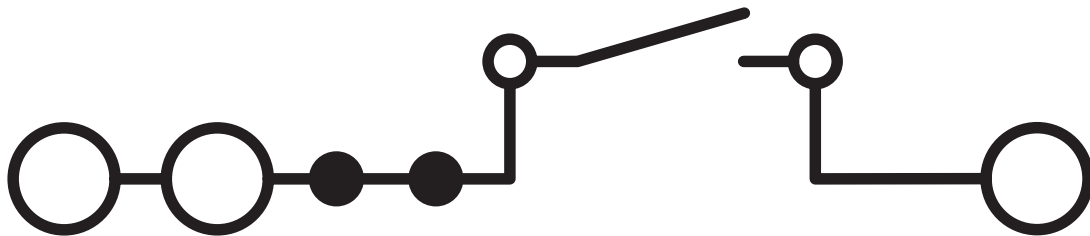


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Drawings

Circuit diagram



UT 4-TWIN-MT P/P - Knife-disconnect terminal block



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/3064014>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	300 V	16 A	26 - 10	-
Use group C	150 V	16 A	26 - 10	-
Use group D	300 V	10 A	26 - 10	-

 IECEE CB Scheme Approval ID: DE1-62910				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	500 V	20 A	-	0.2 - 4

 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	16 A	26 - 10	-
Multi-conductor connection	300 V	16 A	26 - 14	-
Use group C	150 V	16 A	26 - 10	-
Use group D	300 V	10 A	26 - 10	-

 VDE Zeichengenehmigung Approval ID: 40041930				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	500 V	20 A	-	0.2 - 4

UT 4-TWIN-MT P/P - Knife-disconnect terminal block



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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000902
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UNSPSC

UNSPSC 21.0	39121400
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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	3d9ecbdf-7829-4783-9e49-c53f8b7e4caf

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