Knife disconnect terminal block - UT 6-MTL-P/P KNIFE-RD - 3046155

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Knife disconnect terminal block, with actuation bracket and test socket screws for insertion of test plugs, Connection type: Screw connection, Cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, Nominal current: 20 A, Nominal voltage: 500 V, Length: 57.8 mm, Width: 8.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Product Features

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

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	18.4 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Technical data

General

Maximum load current	20 A (with 10 mm² conductor cross section)
Nominal current I_N	20 A
Nominal voltage U_N	500 V
Open side panel	No

Dimensions

Width	8.2 mm
Length	57.8 mm
Height NS 35/7,5	49.1 mm
Height NS 35/15	56.6 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	10 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Stripping length	10 mm
Internal cylindrical gage	A5

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Technical data

Connection data

Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27141126
eCl@ss 6.0	27141126
eCl@ss 8.0	27141126

ETIM

ETIM 5.0	EC000902

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized

Ex Approvals

Approvals submitted

Approval details

CSA			
	B	C	D
mm²/AWG/kcmil	24-8	24-8	24-8
Nominal current IN	16 A	16 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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Drawings

Circuit diagram



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