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

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's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

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

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

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

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

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

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

Approvals

UL Recognized			
	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

cUL Recognized			
	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

Drawings

Circuit diagram