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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Knife disconnect terminal block - UT 4-MTL-P/P - 3046146

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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: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 26 - 10, Nominal current: 20 A, Nominal voltage: 500 V, Length: 57.8 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

### Product Features

- 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)	13.6 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Mechanical engineering Plant engineering
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

# Knife disconnect terminal block - UT 4-MTL-P/P - 3046146

## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current	20 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	No

### Dimensions

Width	6.2 mm
End cover width	2.2 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.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>

# Knife disconnect terminal block - UT 4-MTL-P/P - 3046146

## Technical data

### Connection data

Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 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
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## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

CSA	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-10	26-10	26-10

## Knife disconnect terminal block - UT 4-MTL-P/P - 3046146

### Approvals

	B	C	D
Nominal current IN	16 A	16 A	5 A
Nominal voltage UN	300 V	300 V	600 V

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-10	26-10
Nominal current IN	16 A	16 A
Nominal voltage UN	300 V	300 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-10	26-10
Nominal current IN	16 A	16 A
Nominal voltage UN	300 V	300 V

### Drawings

Circuit diagram

