

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

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://download.phoenixcontact.com>)



Knife disconnect terminal block, Connection type: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Nominal current: 10 A, Nominal voltage: 400 V, Length: 93 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15, NS 32

## Product Features

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

## Key commercial data

package_quantity	50
GTIN	4017918092597

## Technical data

### General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

### General

Maximum load current	10 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	400 V
Open side panel	nein

### Dimensions

Width	6.2 mm
Length	93 mm
Height NS 35/7,5	68.5 mm

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

## Technical data

### Dimensions

Height NS 35/15	76 mm
Height NS 32	73.5 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 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.	0.2 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, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, 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>
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

## classifications

### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141120

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

## classifications

### eCl@ss

eCl@ss 7.0	27141120
eCl@ss 8.0	27141126

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897


### UNSPSC


UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

CSA / GOST / GOST /

### Approval details

	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	28-12

	
-------------------------------------------------------------------------------------	--

	
-------------------------------------------------------------------------------------	--

## accessories

### Partition plate

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

## accessories

TP-UDMTK 5 - 3100266



---

## Terminal marking

SBS 6:UNBEDRUCKT - 1007222



---

ZB 6:UNBEDRUCKT - 1051003



---

UC-TM 6 - 0818085



---

UCT-TM 6 - 0828736



---

## Screwdriver tools

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

## accessories

SZG 0,6X3,5 VDE - 1205121



---

## Mounting rail

NS 32 PERF 2000MM - 1201002



---

NS 32 UNPERF 2000MM - 1201015



---

NS 35/ 7,5 PERF 2000MM - 0801733



---

NS 35/ 7,5 UNPERF 2000MM - 0801681



## Knife disconnect terminal block - UDMTK 5-P/P - 3101087

### accessories

NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



## Knife disconnect terminal block - UDMTK 5-P/P - 3101087

accessories

---

NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



## Knife disconnect terminal block - UDMTK 5-P/P - 3101087

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798





# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

accessories

---

## Labeled terminal marker

ZB 6 CUS - 0824992



ZB 6,LGS:FORTL.ZAHLEN - 1051016



ZB 6,QR:FORTL.ZAHLEN - 1051029



ZB 6,LGS:GLEICHE ZAHLEN - 1051032



ZB 6,LGS:L1-N,PE - 1051414



## Knife disconnect terminal block - UDMTK 5-P/P - 3101087

accessories

ZB 6,LGS:U-N - 1051430



---

UC-TM 6 CUS - 0824589



---

UCT-TM 6 CUS - 0829602



---

**End block**

CLIPFIX 35 - 3022218



---

CLIPFIX 35-5 - 3022276



## Knife disconnect terminal block - UDMTK 5-P/P - 3101087

### accessories

E/NS 35 N - 0800886



E/UK - 1201442



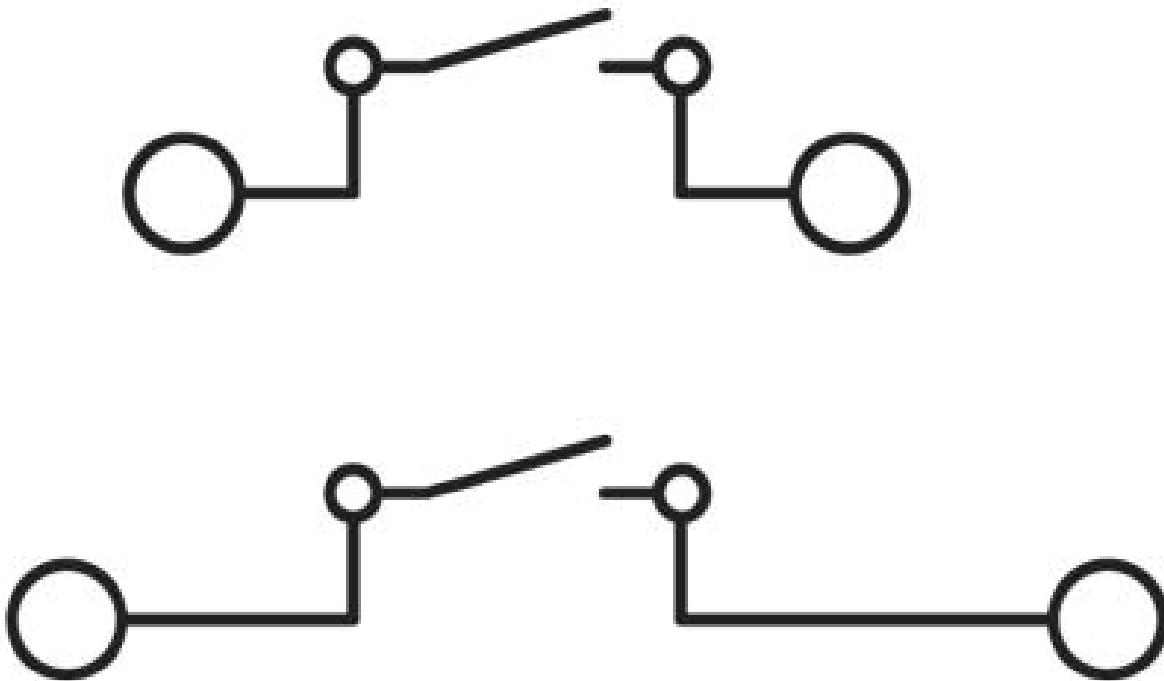
E/UK 1 - 1201413



### Drawings

# Knife disconnect terminal block - UDMTK 5-P/P - 3101087

Circuit diagram



© Phoenix Contact 2014 - all rights reserved  
<http://www.phoenixcontact.com>