

# Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

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Knife disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Nominal current: 16 A, Nominal voltage: 400 V, Length: 88.5 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

## Product Features

- Disconnect knife for one level

## Key commercial data

package_quantity	50
GTIN	4017918146986

## Technical data

### General

Number of levels	2
Number of connections	3
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

### General

Maximum load current	20 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 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>	16 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	400 V
Open side panel	nein

### Dimensions

Width	6.2 mm
Length	88.5 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

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## Technical data

### 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.	2.5 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.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 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, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Connection method	Spring-cage connection
Stripping length	10 mm

## classifications

### eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

### UNSPSC

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

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## approvals

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UL Recognized / cUL Recognized / PRS / cULus Recognized /

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### Approval details

<b>UL Recognized</b>	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm <sup>2</sup> /AWG/kcmil	26-12

<b>cUL Recognized</b>	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm <sup>2</sup> /AWG/kcmil	26-12

<b>PRS</b>
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<b>cULus Recognized</b>
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## accessories

### Partition plate

ATP-ZFKKB 4 - 3005772



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## Screwdriver tools

# Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

## accessories

SZF 1-0,6X3,5 - 1204517



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## Labeled terminal marker

BN-ZB 5,2/WH CUS - 0824271



ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



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## Mounting rail

## Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



# Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

accessories

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

### accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



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



# Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

## accessories

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NS 35/15 CAP - 1206573



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



## Terminal marking

ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



## Insulating sleeve



## Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

### accessories

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



## Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

### accessories

E/NS 35 N - 0800886



E/UK - 1201442



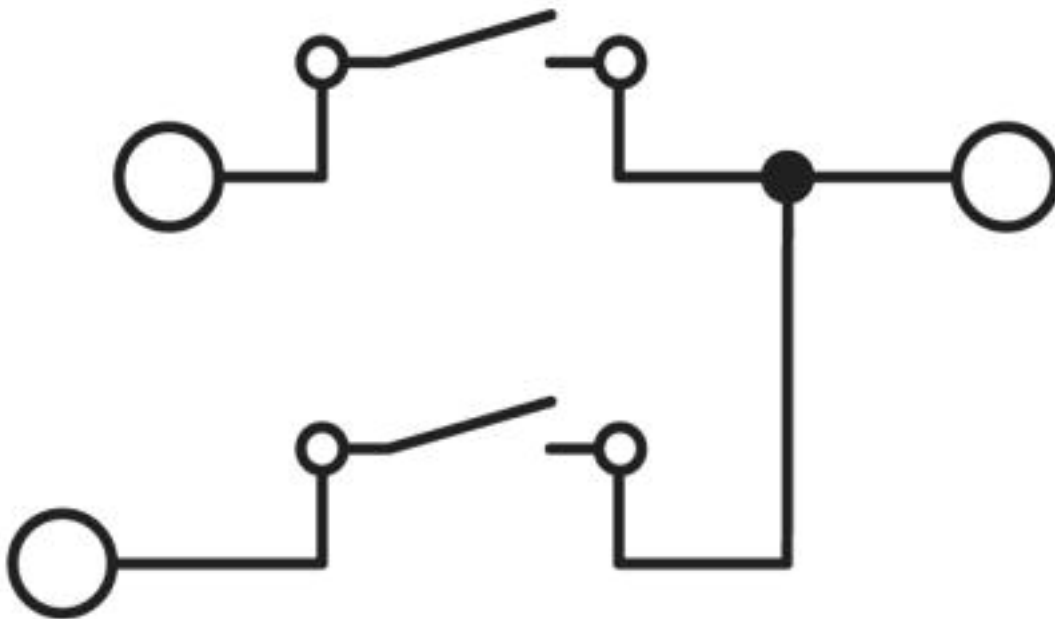
E/UK 1 - 1201413



### Drawings

# Knife disconnect terminal block - ZDMTK 2,5-TWIN - 3005808

Circuit diagram



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