

# Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

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Mini feed-through terminal block, Connection type: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Nominal current: 24 A, Nominal voltage: 500 V, Length: 62 mm, Width: 5.2 mm, Color: gray, Assembly: NS 15, NS 35/7,5, NS 35/15

## Product Features

- Thanks to the different versions of double-level diode terminal blocks, a variety of switching tasks can be performed
- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear arrangement thanks to marking of all terminal points
- Easy potential distribution thanks to standardized plug-in bridges

## Key commercial data

package_quantity	50
GTIN	4017918074265

## 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	24 A (with 2.5 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>	24 A
Nominal voltage U <sub>N</sub>	500 V (Data is based on the dielectric strength of adjacent terminal blocks or of the DINg rail.)
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	62 mm

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## Technical data

### Dimensions

Height NS 35/7,5	48 mm
Height NS 35/15	55.5 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.	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.	0.25 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.	0.25 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 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.	1.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

## classifications

### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118

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## classifications

### eCl@ss

eCl@ss 5.1	27141118
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

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

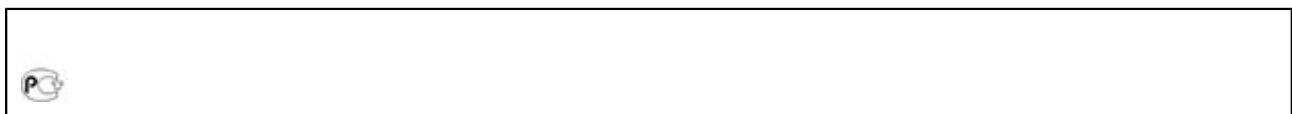
### UNSPSC

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

## approvals

GOST / GOST /

### Approval details



## accessories

### Partition plate

DP-MBKKB 2,5 - 1413065



# Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

## End cover

D-MBKKB 2,5 - 1413052



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## Terminal marking

SBS 5:UNBEDRUCKT - 1007219



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ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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## Screwdriver tools

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accessories

SZS 0,6X3,5 - 1205053



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## Bridge

FBRNI 2-5 N - 3000175



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FBRNI 3-5 N - 3000162



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FBRNI 4-5 N - 3000159



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FBRNI 10-5 N - 2770639



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## Mounting rail

## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



NS 15 AL PERF 2000MM - 1401763



NS 15 WH PERF 2000MM - 1204096



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

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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



## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

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



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135





## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570 accessories

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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



## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

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



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### Labeled terminal marker

ZB 5 CUS - 0824962



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ZB 5,LGS:FORTL.ZAHLEN - 1050017



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ZB 5,QR:FORTL.ZAHLEN - 1050020



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ZB 5,LGS:GLEICHE ZAHLEN - 1050033



## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

accessories

ZB 5,LGS:L1-N,PE - 1050415



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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**End block**

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



## Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

### accessories

E/NS 35 N - 0800886



E/MBK - 1401637



E/MK - 1421633



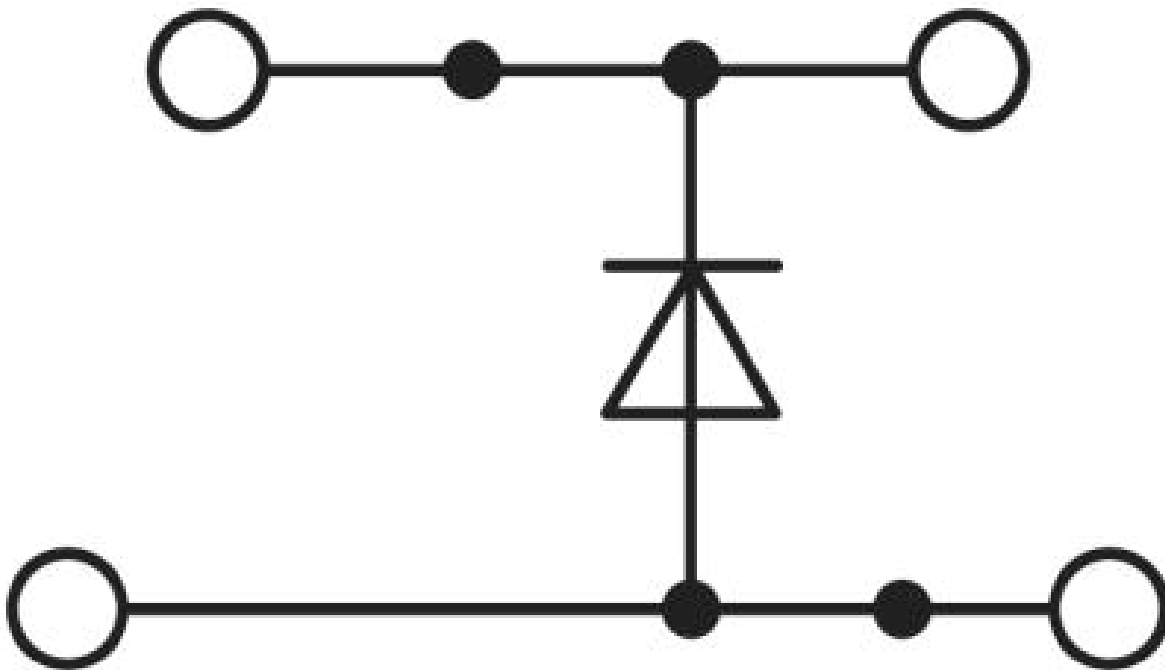
E/MK 1 - 1421659



### Drawings

# Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

Circuit diagram



# Mini feed-through terminal block - MBKKB 2,5-DIO/U-O - 2800570

Circuit diagram

