

# Installation level terminal block - UTI 2,5-L/L - 3076031

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Installation level terminal block, Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- ✔ The installation terminal block features a particularly low-profile design and is suitable for wiring in flat installation distributors
- ✔ The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks

## Key commercial data

package_quantity	50
GTIN	4046356643962

## Technical data

### General

Note	Assembly instructions:For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
Number of levels	3
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

### General

Maximum load current	30 A (with 4 mm <sup>2</sup> conductor cross section and 3-pos. terminal block)
Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
Current carrying capacity of the neutral busbar	140 A
Rated surge voltage	4 kV
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I <sub>N</sub>	24 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	400 V (phase conductor/phase conductor)
Open side panel	ja

# Installation level terminal block - UTI 2,5-L/L - 3076031

## Technical data

### Dimensions

<b>Width</b>	5.2 mm
<b>Length</b>	93.5 mm
<b>Height NS 35/7,5</b>	51.5 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	24
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.25 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.25 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>2 conductors with same cross section, solid min.</b>	0.2 mm <sup>2</sup>
<b>2 conductors with same cross section, solid max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded min.</b>	0.2 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.</b>	0.25 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.</b>	0.75 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	0.75 mm <sup>2</sup>
<b>Connection method</b>	Screw connection
<b>Stripping length</b>	9 mm
<b>Internal cylindrical gage</b>	A3
<b>Screw thread</b>	M3
<b>Tightening torque, min</b>	0.5 Nm
<b>Tightening torque max</b>	0.6 Nm

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141120
<b>eCl@ss 4.1</b>	27141120
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120

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## classifications

### eCl@ss

eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC001329
ETIM 5.0	EC001329

### UNSPSC

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

## accessories

### Screwdriver tools

SZS 0,6X3,5 - 1205053



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### Neutral conductor rail

NLS-CU 3/10 SN 1000MM - 0402174



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### Warning label printed

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accessories

WS UT 2,5 - 3047923



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## Installation terminal block

AKG 16 BU - 0423014



AKG 35 BU - 0424013



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## Support

AB-UTI/3 - 3076038



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## End cover

D-UTI/3 - 3076036



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

DP PS-5 - 3036725



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### Partition plate

ATP-PTI/3 - 3213990



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### Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

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



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



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

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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





## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

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



NS 35/15 CAP - 1206573



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## accessories

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



## Terminal marking

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ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### **Test plug terminal block**

MPS-MT - 0201744



PAI-4-FIX-5/6 BU - 3035975



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

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PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

MPS-IH WH - 0201663



## Installation level terminal block - UTI 2,5-L/L - 3076031

### accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



# Installation level terminal block - UTI 2,5-L/L - 3076031

accessories

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## Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings



## Installation level terminal block - UTI 2,5-L/L - 3076031

Circuit diagram



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