

# Micro terminal - MTTB 1,5 - 1414129

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Micro terminal, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 16, Connection type: Screw connection, Width: 4.2 mm, Color: gray, Mounting type: NS 15, NS 35/7,5, NS 35/15

## Product Features

- Design width of just 4.2 mm
- 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
- Nominal cross section of 1.5 mm<sup>2</sup>
- Snap-on foot for NS 15 and NS 35 DIN rails
- Wide range of labeling options
- Bridging option on both levels

## Key commercial data

package_quantity	50
GTIN	4017918105419

## Technical data

### General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

### General

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>	17.5 A
Nominal voltage U <sub>N</sub>	400 V
Open side panel	ja

## Dimensions

# Micro terminal - MTTB 1,5 - 1414129

## Technical data

### Dimensions

<b>Width</b>	4.2 mm
<b>Length</b>	44 mm
<b>Height NS 35/7,5</b>	41 mm
<b>Height NS 35/15</b>	48.5 mm

### Connection data

<b>Connection method</b>	Screw connection
<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	16
<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>	0.75 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>	0.75 mm <sup>2</sup>
<b>2 conductors with same cross section, solid min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, solid max.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded max.</b>	0.5 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>	0.34 mm <sup>2</sup>
<b>Stripping length</b>	6 mm
<b>Internal cylindrical gage</b>	A 1
<b>Screw thread</b>	M2
<b>Tightening torque, min</b>	0.22 Nm
<b>Tightening torque max</b>	0.25 Nm

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141118
<b>eCl@ss 4.1</b>	27141118
<b>eCl@ss 5.0</b>	27141118
<b>eCl@ss 5.1</b>	27141118
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120

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## classifications

### eCl@ss

eCl@ss 8.0	27141120
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### 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 / UL Recognized / GOST / LR / GL / BV / DNV / GOST /

### Approval details

	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	28-14

	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	30-14

	
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LR
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## Micro terminal - MTTB 1,5 - 1414129

approvals

GL

BV

DNV



accessories

### Partition plate

DP-MTTB 1,5 - 3002681



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### End cover

DG-MTTB 1,5 - 3002678



D-MTTB 1,5 - 3002665



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### Screwdriver tools

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accessories

SZS 0,4X2,5 VDE - 1205037



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## Bridge

FBRN 4-4 N - 3001569



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FBRN 5-4 N - 3001572



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FBRN 6-4 N - 3001585



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FBRN 7-4 N - 3001598



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### accessories

FBRN 8-4 N - 3001608



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FBRN 10-4 N - 3001624



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FBRN 20-4 N - 3001637



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### Mounting rail

NS 15 UNPERF 2000MM - 1401695



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NS 15 PERF 2000MM - 1401682



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### accessories

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



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



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



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### accessories

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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



NS 35/ 7,5 CAP - 1206560



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### Terminal marking



## Micro terminal - MTTB 1,5 - 1414129

### accessories

ZBF 4:UNBEDRUCKT - 0808587



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UC-TMF 4 - 0818166



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UCT-TMF 4 - 0828742



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### Labeled terminal marker

ZBF 4 CUS - 0825023



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ZBF 4,LGS:FORTL.ZAHLEN - 0808626



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### accessories

ZBF 4,QR:FORTL.ZAHLEN - 0808820



ZBF 4,LGS:GERADE ZAHLEN - 0810818



ZBF 4,LGS:UNGERADE ZAHLEN - 0810850



UC-TMF 4 CUS - 0824630



UCT-TMF 4 CUS - 0829651



**End block**

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### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/MBK - 1401637



E/MK - 1421633



E/MK 1 - 1421659



## Micro terminal - MTTB 1,5 - 1414129

### accessories

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E/UK - 1201442



E/UK 1 - 1201413



### accessories

FBRN 9-4 N - 3001611

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### Drawings

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Circuit diagram



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