

# Micro terminal - MT 1,5-TWIN - 3001682

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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

## Product Features

- Nominal cross section of 1.5 mm<sup>2</sup>
- 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
- Design width of just 4.2 mm
- Wide range of labeling options
- Can be bridged in terminal center
- Snap-on foot for NS 15 DIN rails

## Key commercial data

package_quantity	50
GTIN	4017918100858

## Technical data

### General

Number of levels	2
Number of connections	3
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 (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	ja

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## Technical data

### Dimensions

<b>Width</b>	4.2 mm
<b>Length</b>	28 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>	27141123
<b>eCl@ss 4.1</b>	27141123
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

# Micro terminal - MT 1,5-TWIN - 3001682

## classifications

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897


### UNSPSC


<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410


## approvals

CSA / UL Recognized / KEMA-KEUR / GOST / LR / GL / BV / DNV / CCA / GOST /

### Approval details

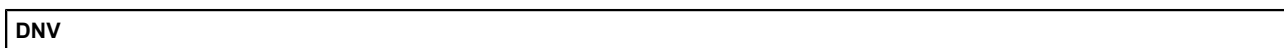
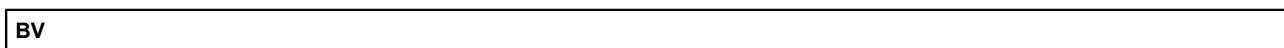
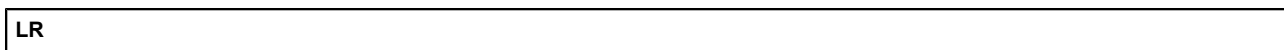
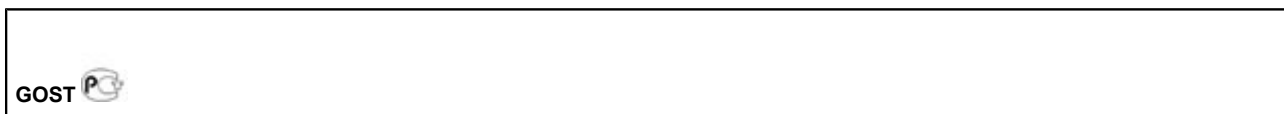
<b>CSA</b> 	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	28-14

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

<b>KEMA-KEUR</b> 	
Nominal voltage UN	400 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	1.5

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## approvals



CCA	
Nominal voltage UN	400 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	1.5



## accessories

### End cover

D-MT 1,5-TWIN - 3002979



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### Screwdriver tools

SZS 0,4X2,5 VDE - 1205037



## Micro terminal - MT 1,5-TWIN - 3001682

accessories

### Bridge

FBRN 4-4 N - 3001569



FBRN 5-4 N - 3001572



FBRN 6-4 N - 3001585



FBRN 7-4 N - 3001598



FBRN 8-4 N - 3001608



## Micro terminal - MT 1,5-TWIN - 3001682

accessories

FBRN 10-4 N - 3001624



FBRN 20-4 N - 3001637



### Mounting rail

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



NS 15 AL PERF 2000MM - 1401763



## Micro terminal - MT 1,5-TWIN - 3001682

### accessories

NS 15 WH PERF 2000MM - 1204096



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### Terminal marking

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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### accessories

ZBF 4,LGS:FORTL.ZAHLEN - 0808626



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





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accessories

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## End block

E/MBK - 1401637



E/MK - 1421633



E/MK 1 - 1421659



accessories

FBRN 9-4 N - 3001611

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## Drawings

Circuit diagram



