Feed-through terminal block - MT 1,5 - 3100305

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 16, Width: 4.2 mm, Color: gray, Mounting type: NS 15

Product Features

- Nominal cross section of 1.5 mm²
- 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	4017918099251

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
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_N	17.5 A
Nominal voltage U_N	400 V
Open side panel	ja

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Technical data

Dimensions

Width	4.2 mm
Length	22 mm
Height NS 15	23.5 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²
Connection method	Screw connection
Stripping length	6 mm
Internal cylindrical gage	A 1
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

classifications

eCl@ss

eCl@ss 4.0	27141123
eCl@ss 4.1	27141123
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120

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classifications

eCl@ss

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

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

Approval details

CSA

Nominal voltage UN	300 V
Nominal current IN	15 A
mm²/AWG/kcmil	28-14

UL Recognized

Nominal voltage UN	300 V
Nominal current IN	15 A
mm²/AWG/kcmil	30-14

KEMA-KEUR

Nominal voltage UN	400 V

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approvals

Nominal current IN	
mm²/AWG/kcmil	1.5

GOST

LR

GL

BV

DNV

CCA

Nominal voltage UN	400 V
Nominal current IN	
mm²/AWG/kcmil	1.5

accessories

End cover

D-MT 1,5 - 3100321

Screwdriver tools

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accessories

SZS 0,4X2,5 VDE - 1205037

Bridge

FBRN 4-4 N - 3001569

FBRN 5-4 N - 3001572

FBRN 6-4 N - 3001585

FBRN 7-4 N - 3001598

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accessories

FBRN 8-4 N - 3001608

FBRN 10-4 N - 3001624

FBRN 20-4 N - 3001637

Mounting rail

NS 15 UNPERF 2000MM - 1401695

NS 15 PERF 2000MM - 1401682

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accessories

NS 15 AL PERF 2000MM - 1401763

NS 15 WH PERF 2000MM - 1204096

Terminal marking

ZBF 4:UNBEDRUCKT - 0808587

UC-TMF 4 - 0818166

UCT-TMF 4 - 0828742

Labeled terminal marker

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accessories

ZBF 4 CUS - 0825023

UC-TMF 4 CUS - 0824630

UCT-TMF 4 CUS - 0829651

End block

E/MBK - 1401637

E/MK - 1421633

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accessories

E/MK 1 - 1421659

CLIPFIX 15 - 3022263

accessories

FBRN 9-4 N - 3001611

Drawings

Circuit diagram