Feed-through terminal block - ST 1,5-TWIN - 3031128

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 1.5 mm², AWG: 28 - 16, Width: 4.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- Tested for railway applications
- User-friendly implementation of all potential branching tasks
- Space-saving and practical multi-conductor connection without additional bridges

Key commercial data

package_quantity	50
GTIN	4017918186647

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

General

Maximum load current	17.5 A (with 1.5 mm² 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

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Technical data

General

Nominal current I_N	17.5 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	500 V
Open side panel	ja

Dimensions

Width	4.2 mm
Length	60.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.08 mm²
Conductor cross section stranded max.	1.5 mm²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A 1

classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

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classifications

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

IECEx / ATEX / CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / KR / NK / IECEE CB Scheme / GOST / cULus Recognized /

Approval details

IECEx	
Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	0.08-1.5

ATEX

Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	0.08-1.5

CSA

Usegroups	**B**	**C**
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

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UL Recognized

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	1.5

cUL Recognized

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

GOST

LR

GL

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	1.5

BV

DNV

RS

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approvals

KR

NK

IECEE CB Scheme

Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	1.5

cULus Recognized

accessories

Marker pen

B-STIFT - 1051993



X-PEN 0,35 - 0811228



End cover

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accessories

D-ST 2,5-TWIN - 3030488



DS-ST 2,5 - 3036602



D-ST 2,5-TWIN-0,8 OG - 3030512



DP PS-4 - 3036712



Partition plate

ATP-ST-TWIN - 3030789



Screwdriver tools

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accessories

SZF 0-0,4X2,5 - 1204504



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



PAI-4 - 3030925



PS-4 - 3030970



Documentation

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accessories

ST-IL - 3039900



Bridge

FBS 20-4 - 3030352



FBS 10-4 - 3030158



FBS 5-4 - 3030145



FBS 4-4 - 3030132



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accessories

FBS 3-4 - 3030129



FBS 2-4 - 3030116



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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accessories

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



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



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accessories

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



NS 35/15 AL UNPERF 2000MM - 1201756



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accessories

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



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



Terminal marking

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accessories

ZB 4 :UNBEDRUCKT - 0805001



UC-TM 4 - 0818111



UCT-TM 4 - 0828732



ZBF 4:UNBEDRUCKT - 0808587



UC-TMF 4 - 0818166



UCT-TMF 4 - 0828742



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accessories

Labeled terminal marker

ZB 4 CUS - 0824951



UC-TM 4 CUS - 0824573



UCT-TM 4 CUS - 0829588



ZBF 4 CUS - 0825023



UC-TMF 4 CUS - 0824630



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accessories

UCT-TMF 4 CUS - 0829651



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



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accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 1,5/0,2 - 3206131



ISH 1,5/0,5 - 3031034



End block

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accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

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Circuit diagram



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