

Feed-through terminal block - ST 4-TWIN - 3031393

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Width: 6.2 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	4017918186869

Technical data

General

Number of levels	1
Number of connections	3
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	40 A (In the case of a 6 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

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Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	32 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	800 V
Open side panel	ja

Dimensions

Width	6.2 mm
Length	71.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Connection method	Spring-cage connection
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A4

classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120

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classifications

eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
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

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

Approval details

IECEX	
Nominal voltage UN	550 V
Nominal current IN	30 A
mm ² /AWG/kcmil	0.08-4

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	34.5 A
mm ² /AWG/kcmil	0.08-6

CSA 	
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approvals

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	28-10	28-10

UL Recognized

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	28-10	28-10

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	800 V
Nominal current IN	32 A
mm²/AWG/kcmil	0.2-4

cUL Recognized

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	28-10	28-10

GOST

LR

GL

Nominal voltage UN	800 V
Nominal current IN	32 A
mm²/AWG/kcmil	4

BV

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approvals

DNV

RS

ABS	
Nominal voltage UN	600 V
Nominal current IN	30 A
mm²/AWG/kcmil	20-10

KR

NK

IECEE CB Scheme 	
Nominal voltage UN	800 V
Nominal current IN	
mm²/AWG/kcmil	4



	
Nominal voltage UN	800 V
Nominal current IN	32 A
mm²/AWG/kcmil	4

	
Nominal voltage UN	800 V
Nominal current IN	
mm²/AWG/kcmil	4

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approvals

cULus Recognized  US

accessories

End cover

D-ST 4-TWIN - 3030491



DS-ST 4 - 3036615



DP PS-6 - 3036738



Test plug terminal block

RPS - 0201647



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accessories

MPS-MT - 0201744



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



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



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accessories

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



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



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



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



PS-6 - 3030996



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accessories

PS-6/2,3MM RD - 3038736



Partition plate

ATP-ST-TWIN - 3030789



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Documentation

ST-IL - 3039900



Bridge

FBS 10-6 - 3030271



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accessories

FBS 5-6 - 3030349



FBS 4-6 - 3030255



FBS 3-6 - 3030242



FBS 2-6 - 3030336



FBS 20-6 - 3030365



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accessories

FBSR 2-6 - 3033715



FBSR 10-6 - 3033716



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 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



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accessories

Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



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accessories

UCT-TMF 6 CUS - 0829665



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 4/0,5 - 3002885



ISH 4/1,0 - 3002898



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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