

Feed-through terminal block - ST 2,5-TWIN/ 1P - 3042117

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Feed-through terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Tested for railway applications
- The plug-in ST-COMBI spring-cage terminal block series combines the system advantages of the ST standard terminal block series with those of the COMBI plug-in system

Key commercial data

package_quantity	50
GTIN	4017918927158

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

General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	60.5 mm

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Technical data

Dimensions

Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection method	Spring-cage/plug-in connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	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.	2.5 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.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
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

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

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classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / IECCE CB Scheme / GOST / CSA / cULus Recognized /

Approval details

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	0.2-4

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

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approvals

GOST

LR

GL

BV

DNV

RS

IECEE CB Scheme

Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	0.2-4

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	28-12	28-12

cULus Recognized

accessories

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-5 - 3036725



Partition plate

ATP-ST-TWIN - 3030789



Coding element

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accessories

PC - 3040588



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Labeled terminal marker

WST 2,5 - 3030941



ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



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accessories

ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



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accessories

ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



UC-TMF 5 CUS - 0824638



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accessories

UCT-TMF 5 CUS - 0829658



Flange

ST 2,5-TWIN/1P-F - 3209840



ST 2,5-TWIN/1P-FS - 3061389



Documentation

ST-IL - 3039900



Bridge

FBS 2-5 - 3030161



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accessories

FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



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accessories

FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



FBS 10-5 BU - 3036916



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accessories

FBS 20-5 BU - 3036929



FBS 50-5 BU - 3032114



FBS 2-5 GY - 3038969



FBS 3-5 GY - 3038972



FBS 4-5 GY - 3038985



FBS 5-5 GY - 3038998



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accessories

FBS 10-5 GY - 3039007



FBS 20-5 GY - 3038671



FBS 50-5 GY - 3032127



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



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accessories

FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

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



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



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accessories

NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



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accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Test plug terminal block

MPS-MT - 0201744



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



PAI-4-FIX-5/6 OG - 3035974



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accessories

PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



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



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



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



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accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



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accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



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accessories

ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



Front adapter

VIP-PA-PWR/2X10COMBI/ 0,5M/S7 - 2904713



VIP-PA-PWR/2X10COMBI/ 1,0M/S7 - 2904714



VIP-PA-PWR/2X10COMBI/ 1,5M/S7 - 2904715



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accessories

VIP-PA-PWR/2X10COMBI/ 2,0M/S7 - 2904716



VIP-PA-PWR/2X10COMBI/ 2,5M/S7 - 2904717



VIP-PA-PWR/2X10COMBI/ 3,0M/S7 - 2904718



VIP-PA-PWR/2X10COMBI/10,0M/S7 - 2904723



VIP-PA-PWR/4X10COMBI/ 0,5M/S7 - 2904702



VIP-PA-PWR/4X10COMBI/ 1,0M/S7 - 2904703



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accessories

VIP-PA-PWR/4X10COMBI/ 1,5M/S7 - 2904704



VIP-PA-PWR/4X10COMBI/ 2,0M/S7 - 2904705



VIP-PA-PWR/4X10COMBI/ 2,5M/S7 - 2904706



VIP-PA-PWR/4X10COMBI/ 3,0M/S7 - 2904707



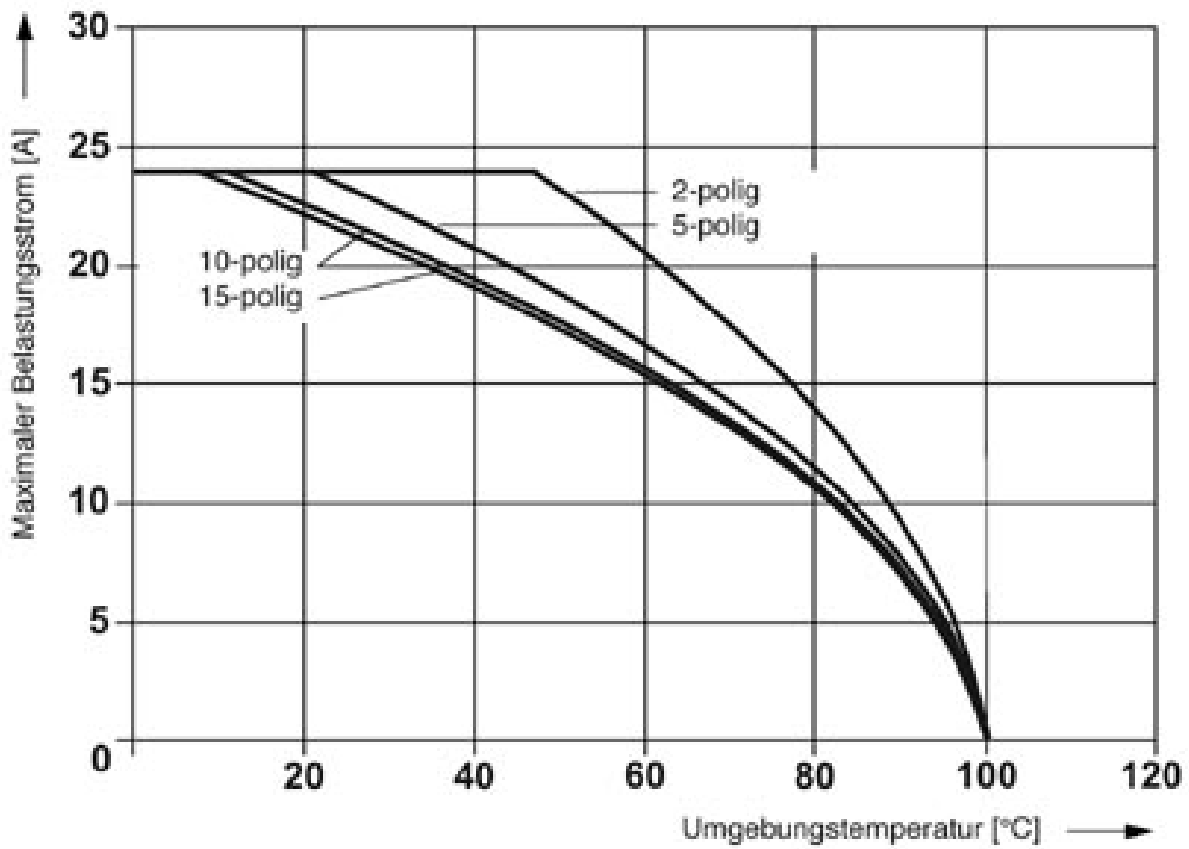
VIP-PA-PWR/4X10COMBI/10,0M/S7 - 2904712



Drawings

Feed-through terminal block - ST 2,5-TWIN/ 1P - 3042117

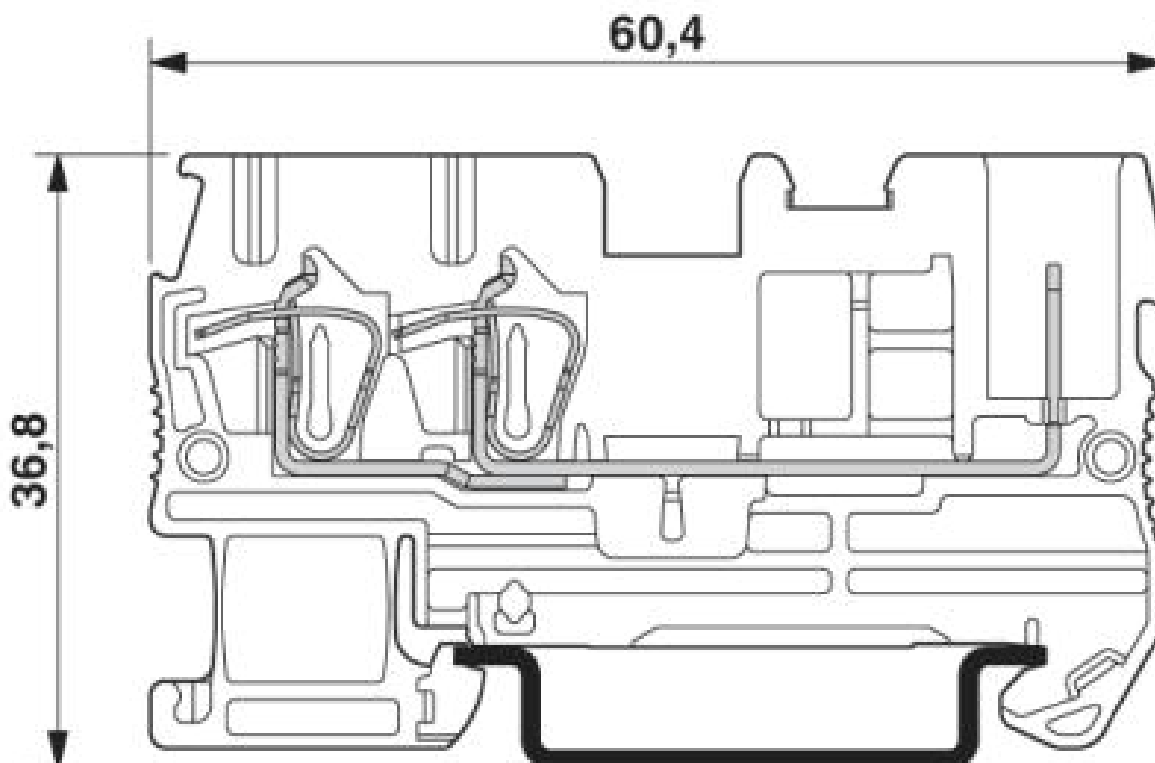
Diagram



Applies to all male connector variants SP...

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Dimensioned drawing



Circuit diagram

