

Feed-through terminal block - ST 2,5/2P - 3042133

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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
- ☒ Connection with standard COMBI plugs

Key commercial data

package_quantity	50
GTIN	4017918936051

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

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	49.1 mm

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Technical data

Dimensions

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.	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
Connection method	Spring-cage/plug-in connection
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 / GOST / CSA / IECEE CB Scheme / cULus Recognized /

Approval details

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	24-12	24-12

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil			

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	0.2-4

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil			

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approvals

GOST 

LR

GL

BV

DNV

RS



			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm ² /AWG/kcmil	24-12	24-12	24-12

IECEE CB Scheme 	
Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	

cULus Recognized 

accessories

End cover

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accessories

D-ST 2,5 - 3030417



D-ST 2,5-0,8 OG - 3030511



DP PS-5 - 3036725



Partition plate

ATP-ST 4 - 3030721



Coding element

PC - 3040588



Screwdriver tools

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accessories

SZF 1-0,6X3,5 - 1204517



Test plug terminal block

RPS - 0201647



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



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



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



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accessories

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



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



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accessories

PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Flange

ST 2,5/2P-F - 3061198



ST 2,5/2P-FS - 3061415



Documentation

ST-IL - 3039900



Bridge

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accessories

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



Feed-through terminal block - ST 2,5/2P - 3042133

accessories

FBS 50-5 - 3038930



FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



Feed-through terminal block - ST 2,5/2P - 3042133

accessories

FBS 10-5 BU - 3036916



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



Feed-through terminal block - ST 2,5/2P - 3042133

accessories

FBS 5-5 GY - 3038998



FBS 10-5 GY - 3039007



FBS 20-5 GY - 3038671



FBS 50-5 GY - 3032127



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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



Feed-through terminal block - ST 2,5/2P - 3042133

accessories

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



NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



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accessories

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



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accessories

UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



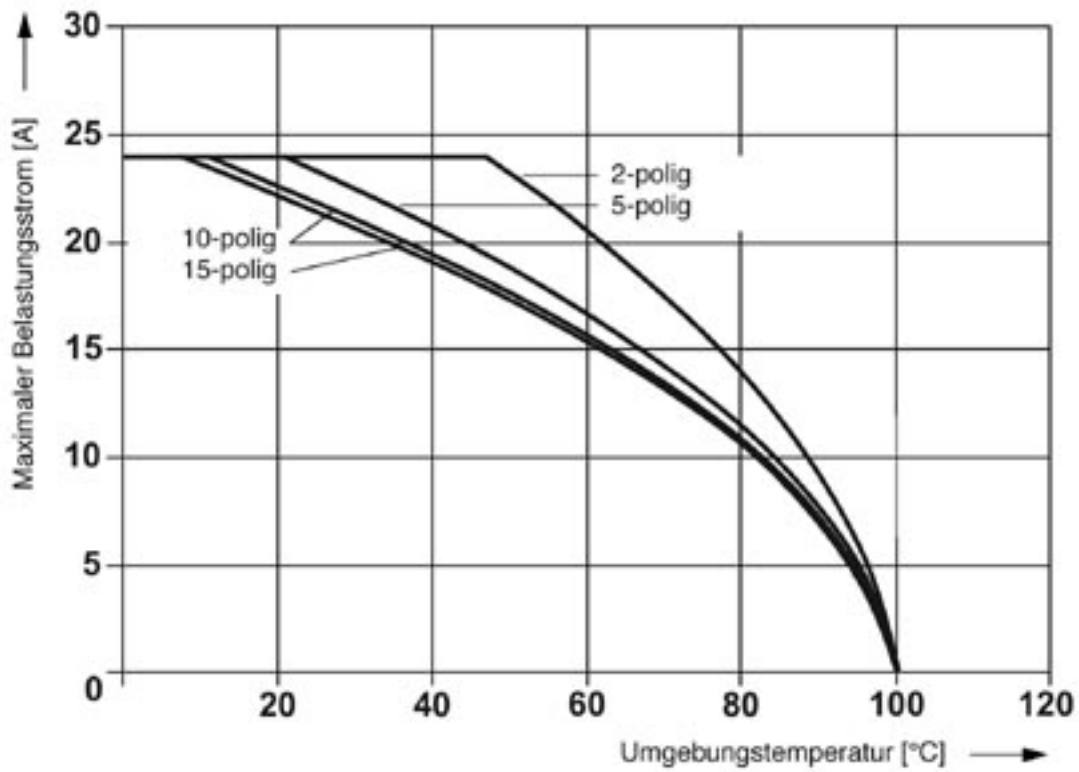
UCT-TMF 5 CUS - 0829658



Drawings

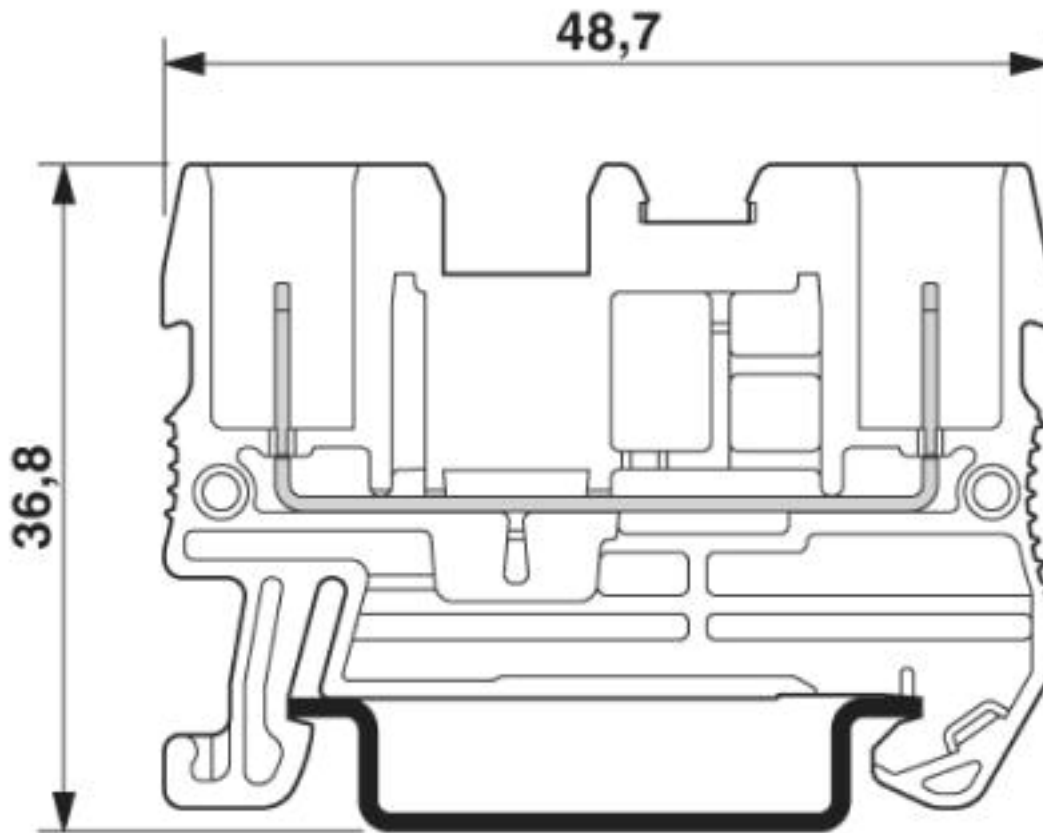
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Diagram



Feed-through terminal block - ST 2,5/2P - 3042133

Dimensioned drawing



Circuit diagram

