

# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

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Ground modular terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Same shape and pitch as the basic terminal blocks
- Tested for railway applications

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918927172

## Technical data

### General

<b>Number of levels</b>	1
<b>Number of connections</b>	3
<b>Color</b>	green-yellow
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0
<b>Area of application</b>	Railway industry
<b>Area of application</b>	Mechanical engineering
<b>Area of application</b>	Plant engineering

### General

<b>Rated surge voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 61984
<b>Open side panel</b>	ja

### Dimensions

<b>Width</b>	5.2 mm
<b>Length</b>	60.5 mm
<b>Height NS 35/7,5</b>	36.5 mm
<b>Height NS 35/15</b>	44 mm

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## Technical data

### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
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	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

### ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

### UNSPSC


UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410


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## approvals


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


### Approval details

<b>CSA</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>UL Recognized</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>VDE Gutachten mit Fertigungsüberwachung</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>cUL Recognized</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>GOST</b> 	
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<b>LR</b>	
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approvals

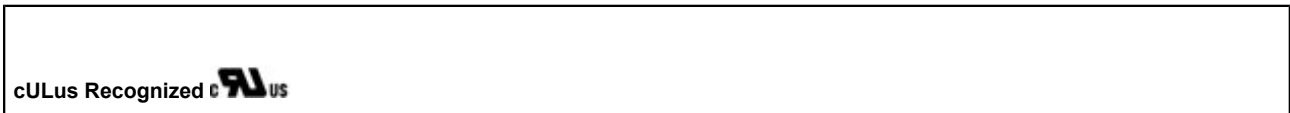
GL

BV

DNV

RS

IECEE CB Scheme 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4



accessories

**End cover**

D-ST 2,5-TWIN - 3030488



DS-ST 2,5 - 3036602



## Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

### accessories

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



DP PS-5 - 3036725



### Partition plate

ATP-ST-TWIN - 3030789



### Coding element

PC - 3040588



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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accessories

## Labeled terminal marker

WST 2,5 - 3030941



ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

## accessories

UC-TMF 5 CUS - 0824638



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

# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

## 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





# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

accessories

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FBS 50-5 - 3038930



FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

## 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



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## accessories

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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



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### accessories

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



NS 35/ 7,5 CAP - 1206560



### Terminal marking

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ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

### accessories

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Test plug terminal block

MPS-MT - 0201744



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



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### accessories

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



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



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



## Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

### accessories

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



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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

MPS-IH WH - 0201663





# Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

## accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



## Ground modular terminal block - ST 2,5-TWIN/ 1P-PE - 3042120

accessories

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ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



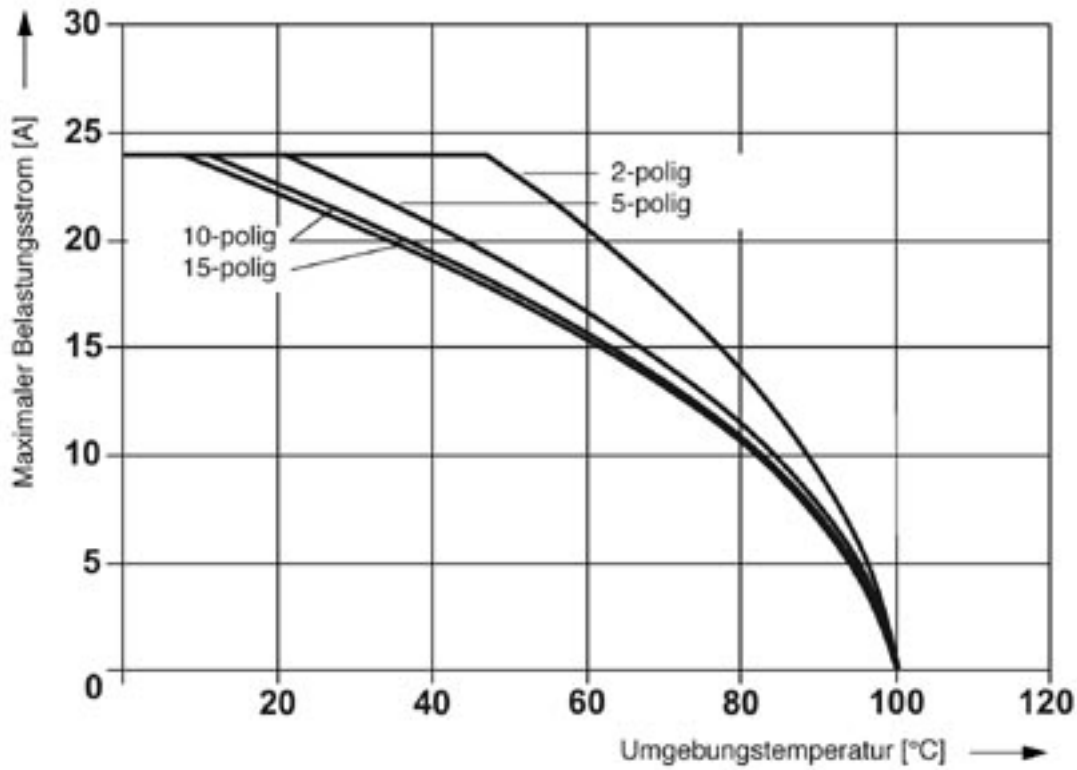
ISH 2,5/1,0 - 3002869



Drawings

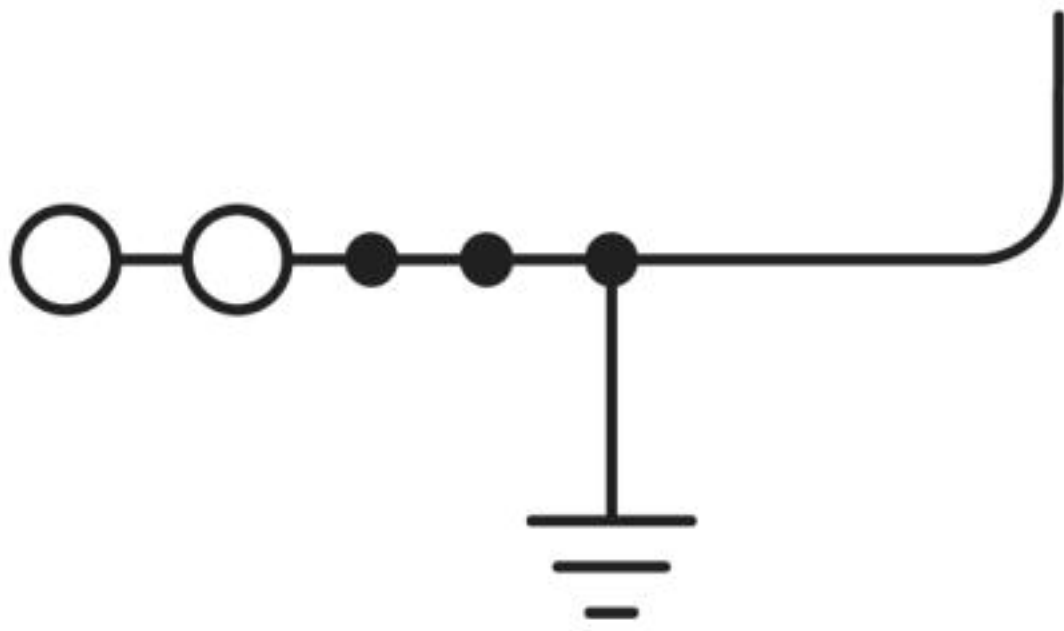
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Diagram



Applies to all male connector variants SP...

Circuit diagram





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