

# Ground modular terminal block - PT 16 N-PE - 3212147

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Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG: 20 - 4, Width: 12.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- The push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications

## Key commercial data

package_quantity	50
GTIN	4046356494847

## Technical data

### General

Number of levels	1
Number of connections	2
Color	green-yellow
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

Maximum load current	90 A (with 25 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Nominal current I <sub>N</sub>	76 A
Open side panel	ja

## Dimensions

# Ground modular terminal block - PT 16 N-PE - 3212147

## Technical data

### Dimensions

Width	12.2 mm
Length	75.4 mm
Height NS 35/7,5	52.6 mm
Height NS 35/15	60.1 mm

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Connection method	Push-in connection
Stripping length	18 mm
Internal cylindrical gage	A7

## 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

# Ground modular terminal block - PT 16 N-PE - 3212147

## classifications

### ETIM

<b>ETIM 5.0</b>	EC000901
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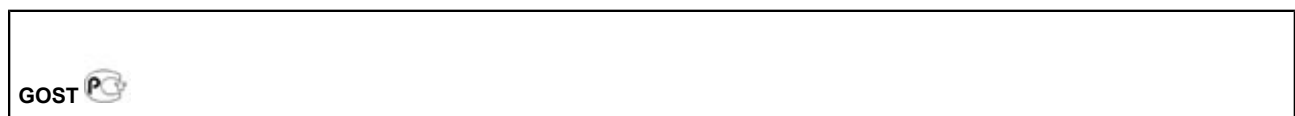
### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

GOST /

### Approval details



## accessories

### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



SZF 3-1,0X5,5 - 1206612



### End cover

# Ground modular terminal block - PT 16 N-PE - 3212147

## accessories

D-PT 16 N - 3212060



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## Documentation

PT-IL - 3208090



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## Bridge

FBS 2-12 - 3005950



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## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



## Ground modular terminal block - PT 16 N-PE - 3212147

### 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



## Ground modular terminal block - PT 16 N-PE - 3212147

accessories

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NS 35/ 7,5 CAP - 1206560



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



## Ground modular terminal block - PT 16 N-PE - 3212147

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



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



# Ground modular terminal block - PT 16 N-PE - 3212147

accessories

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## Terminal marking

ZBF 12:UNBEDRUCKT - 0809735



UC-TMF 12 - 0819233



UCT-TMF 12 - 0829214



ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194





# Ground modular terminal block - PT 16 N-PE - 3212147

## accessories

UCT-TM 12 - 0829144



TMT (EX9,5)R - 0828295



## Labeled terminal marker

ZBF 12 CUS - 0825018



UC-TMF 12 CUS - 0824670



UCT-TMF 12 CUS - 0829686



## Ground modular terminal block - PT 16 N-PE - 3212147

### accessories

ZB 12 CUS - 0824942



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UC-TM 12 CUS - 0824613



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UCT-TM 12 CUS - 0829630



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### Test plug terminal block

MPS-MT - 0201744



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### Insulating sleeve

MPS-IH WH - 0201663



# Ground modular terminal block - PT 16 N-PE - 3212147

## 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



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accessories

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## Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

E/UK - 1201442



E/UK 1 - 1201413



CLIPFIX 35 - 3022218



# Ground modular terminal block - PT 16 N-PE - 3212147

accessories

CLIPFIX 35-5 - 3022276

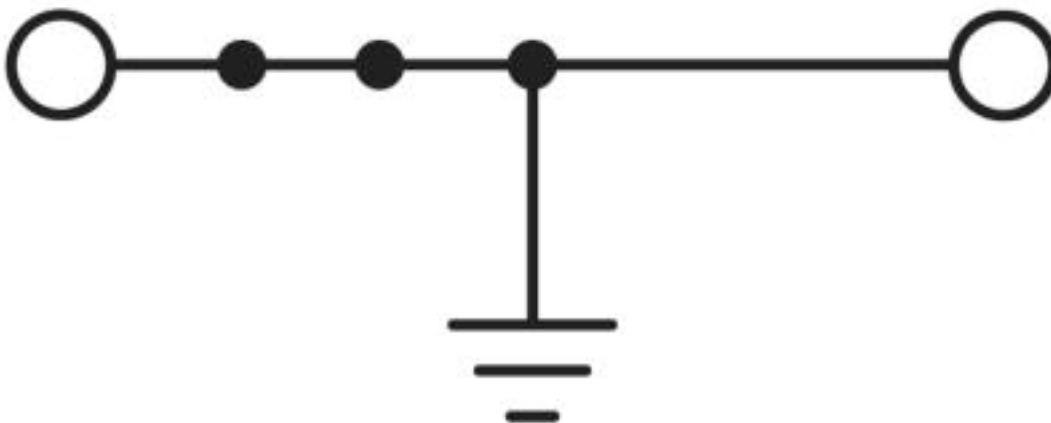


E/NS 35 N - 0800886



## Drawings

Circuit diagram



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