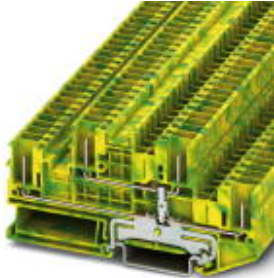


# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

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

## Product Features

- Same shape and pitch as the PIN/PIN versions of the COMBI series
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- ST ...-PE meet all the requirements of standard IEC 60947-7-2
- Tested for railway applications



## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Custom tariff number	85369010
Country of origin	Poland

## Technical data

### General

Number of levels	2
Number of connections	4
Nominal cross section	2.5 mm <sup>2</sup>
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering

# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

## Technical data

### General

Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection method	Spring-cage/plug-in connection
Connection in acc. with standard	IEC 61984
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.02 g <sup>2</sup> /Hz
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

### Dimensions

Width	5.2 mm
Length	98.8 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm
End cover width	2.2 mm

### Connection data

Connection method	Spring-cage/plug-in connection
Connection in acc. with standard	IEC 61984
Note	Please observe the current carrying capacity of the DIN rails.

# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

## 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 AWG min.	28
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	28
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, 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>

## 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

# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

## Classifications

### UNSPSC

UNSPSC 13.2	39121410
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## Approvals

### Approvals

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### Approvals

UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

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### Ex Approvals

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### Approvals submitted

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## Approval details

UL Recognized 

cUL Recognized 

CSA 

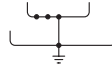
EAC

cULus Recognized 

## Drawings

## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

Circuit diagram



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