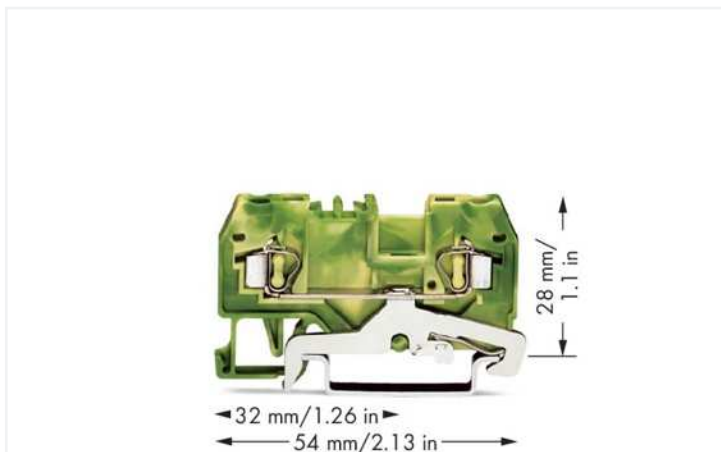


**Data Sheet | Item Number: 280-907/999-950**

2-conductor ground terminal block; 2.5 mm<sup>2</sup>; suitable for Ex e II applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow



<https://www.wago.com/280-907/999-950>

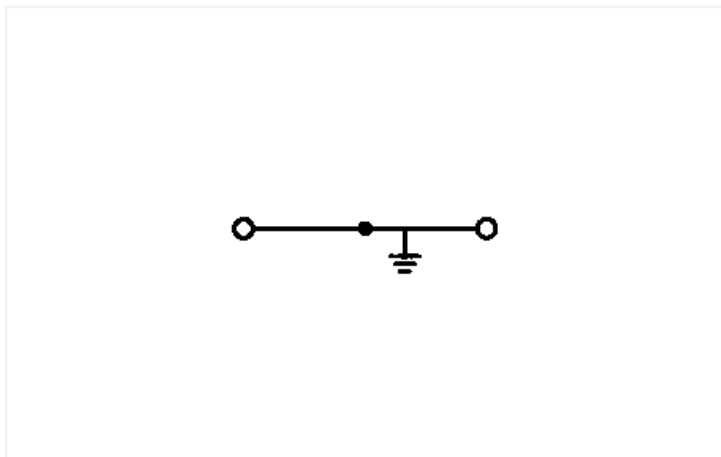


Color: ■ green-yellow

Similar to illustration



Similar to illustration



Similar to illustration

**Electrical data**

**Ratings per IEC/EN**

Ratings per IEC/EN 60947-7-2

**Ex information**

Reference hazardous areas See application instructions in section "Knowledge and Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"

**Connection data**

Connection points 2  
 Total number of potentials 1  
 Number of levels 1

**Connection 1**

Connection technology CAGE CLAMP®  
 Actuation type Operating tool  
 Connectable conductor materials Copper  
 Aluminum

## Connection 1

Connectable conductor materials (note)

### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste [249-130](https://www.wago.com/249-130) is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::

2.5 mm<sup>2</sup> = 16 A

4 mm<sup>2</sup> = 22 A

Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Note (conductor cross-section)	12 AWG: THHN, THWN
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Wiring direction	Front-entry wiring

## Physical data

Width	5 mm / 0.197 inches
Height	54 mm / 2.126 inches
Depth from upper-edge of DIN-rail	28 mm / 1.102 inches

## Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center marking

## Material Data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.09 MJ
Weight	9.2 g

## Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

## Commercial data

eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 8.0	EC000901
ETIM 7.0	EC000901
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454108144
Customs tariff number	85369010000

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate



**Item No.: 280-356**

End and intermediate plate; 2.5 mm thick; light gray



**Item No.: 209-191**

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange



**Item No.: 209-190**

Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide; orange



**Item No.: 280-357**

Separator plate; 2 mm thick; oversized; light gray