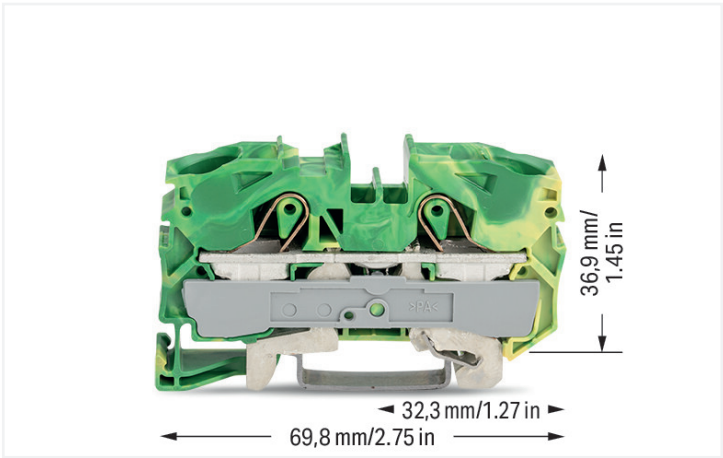


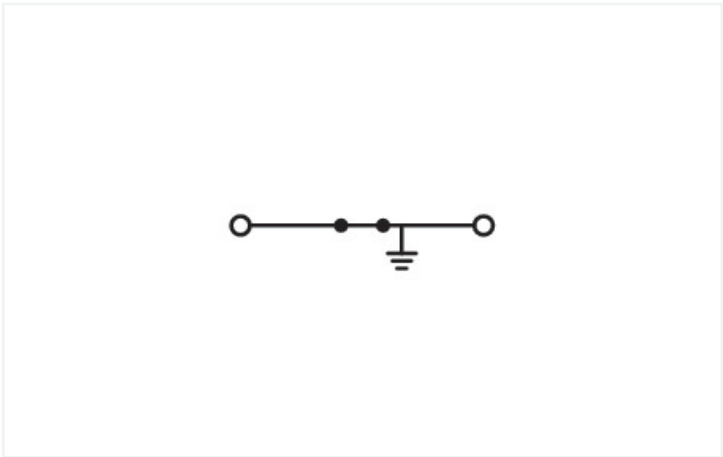
Data Sheet | Item Number: 2016-1207

Regletă cu 2 cond. de protecție; 16 mm²; potrivit pentru aplicații Ex e II; marcare laterală și centru; pentru șină DIN 35 x 15 și 35 x 7,5; CAGE CLAMP® înclichetare; 16,00 mm²; verde-galben

<https://www.wago.com/2016-1207>



Color: ■ verde-galben



Similar to illustration

Ground terminal block, 2016 Series, Push-in CAGE CLAMP®

This ground terminal block (item number 2016-1207) is designed to connect conductors quickly and easily. WAGO's ground terminal blocks allow you to connect electrical conductors directly to the mounting rail thanks to an integrated contact foot. This connection ensures both electrical and mechanical stability between the conductors and the mounting adapter. Strip lengths must be between 18 mm and 20 mm when connecting conductors to this ground terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. This ground terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 16 mm². It has one level. You can connect a single potential using the two clamping points. The green-yellow housing is made of polyamide (PA66) for insulation. This through rail-mount terminal block is operated with an operating tool. Our TOPJOB® S rail-mount terminal blocks offer more than just secure electrical connections in a range of different industrial applications and modern building installations. They also offer the perfect solution for every application: lever, push-button, or operating slot. These through rail-mount terminal blocks are mounted using DIN-35 rails.. Conductors made of copper can be connected via front-entry wiring. The two jumper slots enable potential distribution to other clamping points. This product is designed for specific Ex applications (please refer to the product datasheet).

Electrical data				
Ratings per		IEC/EN 60947-7-2		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		-	-	-
Rated surge voltage		-	-	-
Rated current		-	-	-
Ratings per IEC/EN – Notes				
Rated current (note)		15 mm high DIN-35 rails shall be used for a current load higher than 76 A!		

Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
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Connection data

Clamping units	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	16 mm²
Solid conductor	0,5 ... 16 mm² / 20 ... 6 AWG
Solid conductor; push-in termination	6 ... 16 mm² / 14 ... 6 AWG
Fine-stranded conductor	0,5 ... 25 mm² / 20 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0,5 ... 16 mm² / 20 ... 6 AWG
Fine-stranded conductor; with ferrule; push-in termination	6 ... 16 mm² / 10 ... 6 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. AWG specifications were converted according to IEC.
Strip length	18 ... 20 mm / 0.71 ... 0.79 inci
Wiring direction	Front-entry wiring

Physical data

Width	12 mm / 0.472 inci
Height	69,8 mm / 2.748 inci
Depth from upper-edge of DIN-rail	36,9 mm / 1.453 inci

Mechanical data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	verde-galben
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.358 MJ
Weight	38.5 g

Environmental requirements

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

Environmental Testing (Environmental Conditions)

Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
Spectrum/Installation location	Service life test, Category 1, Class A/B
Function test with noise-like vibration	Test passed according to Section 8 of the standard
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Acceleration	0.101g (highest test level used for all axes)
Test duration per axis	10 min.
Test directions	X, Y and Z axes
Monitoring for contact faults/interruptions	Passed
Voltage drop measurement before and after each axis	Passed
Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
Acceleration	0.572g (highest test level used for all axes)
Test duration per axis	5 h
Test directions	X, Y and Z axes
Extended test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed
Shock test	Test passed according to Section 10 of the standard
Shock form	Half sine
Acceleration	5g (highest test level used for all axes)
Shock duration	30 ms
Number of shocks per axis	3 pos. und 3 neg.
Test directions	X, Y and Z axes
Extended test scope: Monitoring for contact faults/interruptions	Passed
Extended test scope: Voltage drop measurement before and after each axis	Passed
Vibration and shock stress for rolling stock equipment	Passed

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	20 Buc.
Packaging type	Box
Country of origin	DE
GTIN	4017332076654
Customs tariff number	85369010000



Product classification	
UNSPSC	39121410
eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 9.0	EC000901
ETIM 8.0	EC000901
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption