Data Sheet | Item Number: 2102-1307

Regletă cu 3 cond. de protecţie; cu levier şi push-in CAGE CLAMP®; 2,5 mm²; cu port test; marcare laterală şi centru; pentru şină DIN 35 x 15 şi 35 x 7,5; CAGE CLAMP® înclichetare; 2,50 mm²; verde-galben

https://www.wago.com/2102-1307

Ground terminal block, 2102 Series, Push-in CAGE CLAMP®

Easily, quickly and safely connect conductors with this ground terminal block (item number 2102-1307). 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. Ensure that the strip lengths are between 10 mm and 12 mm when connecting conductors to this ground terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Depending on the conductor type, this ground terminal block is ideal for conductor cross sections ranging from 0.25 mm² to 4 mm². It features one level and three clamping points that you can use to connect a single potential. The green-yellow housing is made of polyamide (PA66) for insulation. This through rail-mount terminal block is operated with lever,operating tool. Our TOPJOB® S rail-mount terminal blocks guarantee secure electrical connections across many industrial applications and modern building installations. They simplify wiring, as you can quickly plug in solid, stranded, and fine-stranded conductors with ferrules. These through rail-mount terminal blocks are mounted using DIN-35 rails.. The front-entry wiring allows you to connect copper conductors. 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	-	-	-

Ex information	
Reference hazardous areas	See “Downloads – Documentation – Additional Information: Technical Section; Technical Explications”

Connection data

Clamping units	3
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	2,5 mm²
Solid conductor	0,25 … 4 mm² / 22 … 12 AWG
Solid conductor; push-in termination	0,75 … 4 mm² / 18 … 12 AWG
Fine-stranded conductor	0,25 … 4 mm² / 22 … 12 AWG
Fine-stranded conductor; with insulated ferrule	0,25 … 2,5 mm² / 22 … 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 … 2,5 mm² / 18 … 14 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.
Strip length	10 … 12 mm / 0.39 … 0.47 inci
Wiring direction	Front-entry wiring

Connection 2

Actuation type	Operating tool

Physical data

Width	5,2 mm / 0.205 inci
Height	72,2 mm / 2.843 inci
Depth from upper-edge of DIN-rail	32,9 mm / 1.295 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	0.169 MJ
Actuator color	orange
Weight	11 g

Environmental requirements

Continuous operating temperature	-60 … +105 °C

Commercial data

PU (SPU)	50 Buc.
Packaging type	Box
Country of origin	DE
GTIN	4055143741811
Customs tariff number	85369010000

Product classification

UNSPSC	39121410

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption