

Data Sheet | Item Number: 2102-1304

Regletă de trecere cu 3 conductori; cu levier și push-in CAGE CLAMP®; 2,5 mm²; cu port test; potrivit pentru aplicații Ex i; marcare laterală și centru; pentru șină DIN 35 x 15 și 35 x 7,5; CAGE CLAMP® înclichetare; 2,50 mm²; albastru

<https://www.wago.com/2102-1304>



Through terminal block, 2102 Series, blue

Our through terminal block (item number 2102-1304) is the perfect way to connect conductors quickly and easily. Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the variant, you can use them for either typical through-wiring or potential distribution. Our through rail-mount terminal block is rated for 800 V and is designed to handle a rated current of up to 24 A. Strip lengths must be between 10 mm and 12 mm when connecting conductors to this through terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector is highly versatile. 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. Dimensions: 5.2 x 72.2 x 39.5 mm (width x height x depth). Depending on the conductor type, this through terminal block is suitable for conductor cross sections ranging from 0.25 mm² to 4 mm². It has one level. You can connect a single potential using the three clamping points. The blue housing is made of polyamide (PA66) for insulation. Lever, operating tool is used to operate this through rail-mount terminal block. Our TOPJOB® S rail-mount terminal blocks guarantee reliable electrical connections across many different industrial applications and modern building installations. They make wiring work easier 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. Conductors made of copper can be connected thanks to 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 60947-7-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		800 V	-	-
Rated surge voltage		8 kV	-	-
Rated current		24 A	-	-
Current at conductor cross-section (max.) mm²		32 A	-	-
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		20 A	20 A	-

Approvals per		CSA 22.2 No 158		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		20 A	20 A	-

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Ratings per	ATEX: PTB 18 ATEX 1010 U / IECEx: PTB 18.0001U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	23.5 A
Rated current (Ex e II) with jumper	20 A

Power Loss	
Power loss, per pole (potential)	0.7661 W
Rated current I _N for specified power loss	24 A
Resistance value for specified, current-dependent power loss	0.00133 Ω



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
Depth	39,5 mm / 1.555 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	albastru
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.172 MJ
Actuator color	orange
Weight	8 g



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

Commercial data	
PU (SPU)	50 Buc.
Packaging type	Box
Country of origin	DE
GTIN	4055143741804
Customs tariff number	85369010000

Product classification	
UNSPSC	39121410

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption