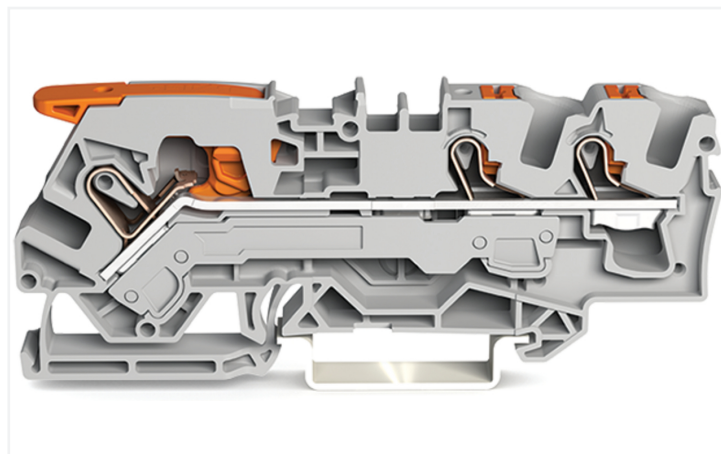
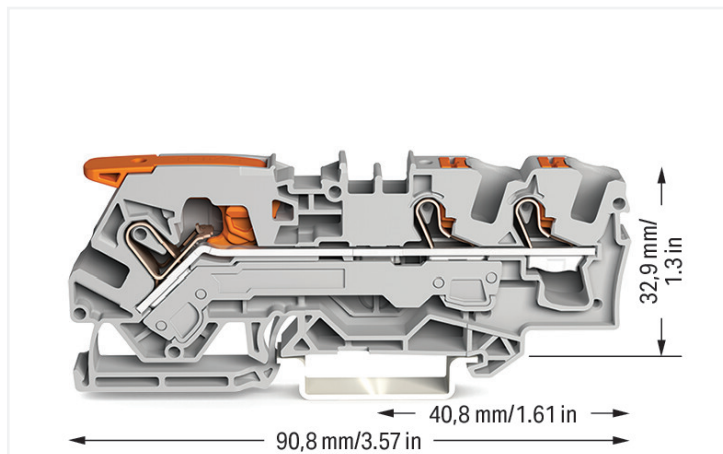


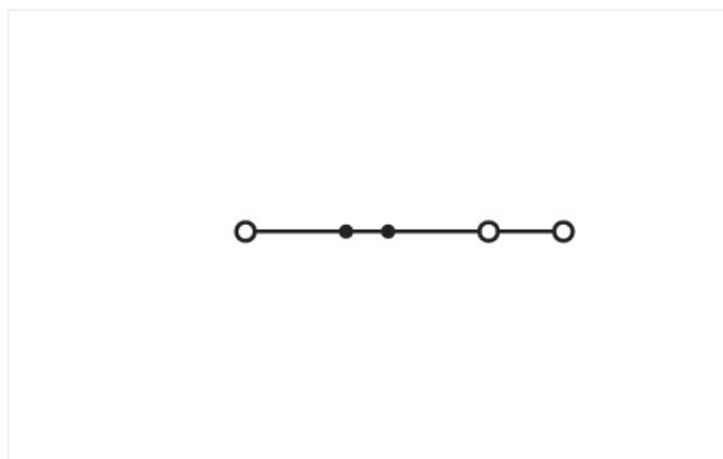
## Data Sheet | Item Number: 2106-5301

3-conductor through terminal block; with lever and push-button; 6 mm<sup>2</sup>; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 6,00 mm<sup>2</sup>; gray

<https://www.wago.com/2106-5301>



Color: ■ gray



Similar to illustration

Through terminal block, 2106 Series, lever

This through terminal block (item number 2106-5301) is designed for easy and secure connections. Whether for industrial or building applications, you can use our through terminal blocks to connect electrical conductors quickly and safely. We offer variants for both classic through-wiring and potential distribution. Our through rail-mount terminal block is rated for 800 V and is designed for use with a rated current of up to 41 A. Ensure that the strip lengths are between 13 mm and 15 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be pushed in without the need for tools—all thanks to its pluggable design. The dimensions are 7.5 x 90.8 x 39.5 mm (width x height x depth). Depending on the conductor type, this through terminal block is designed for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>. It has one level. You can connect a single potential using the three clamping points. The gray housing is made of polyamide (PA66) for insulation. Lever, push-button is used to operate this through rail-mount terminal block. Our TOPJOB® S rail-mount terminal blocks are perfect for a wide range of industrial applications and modern building installations thanks to the secure electrical connections they provide. You can work anywhere in the world and on any application with just a single rail-mount terminal block system. 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		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	41 A	-	-

Ratings per	IEC/EN 60947-7-1		
Current at conductor cross-section (max.) mm <sup>2</sup>	55 A	-	-

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	600 V
Rated current	50 A	50 A	5 A

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	45 A	45 A	-

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Ratings per	ATEX: PTB 18 ATEX 1011 U / IECEx: PTB 18.0018U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	41 A
Rated current (Ex e II) with jumper	33 A

Power Loss	
Power loss, per pole (potential)	1.3112 W
Rated current $I_N$ for specified power loss	41 A
Resistance value for specified, current-dependent power loss	0.00078 $\Omega$

## 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	6 mm <sup>2</sup>
Solid conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm <sup>2</sup> / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm <sup>2</sup> / 16 ... 10 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	13 ... 15 mm / 0.51 ... 0.59 inches
Wiring direction	Front-entry wiring

Connection 2	
Actuation type	Push-button

## Physical data

Width	7.5 mm / 0.295 inches
Height	90.8 mm / 3.575 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches
Depth	39.5 mm / 1.555 inches

### Mechanical data

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

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.143 MJ
Actuator color	orange
Weight	17.5 g

### Environmental requirements

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

### Commercial data

eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 9.0	EC000897
ETIM 8.0	EC000897
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143742481
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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