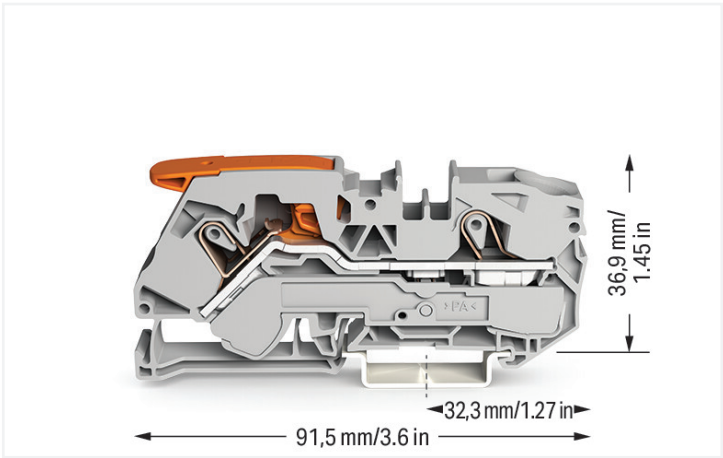


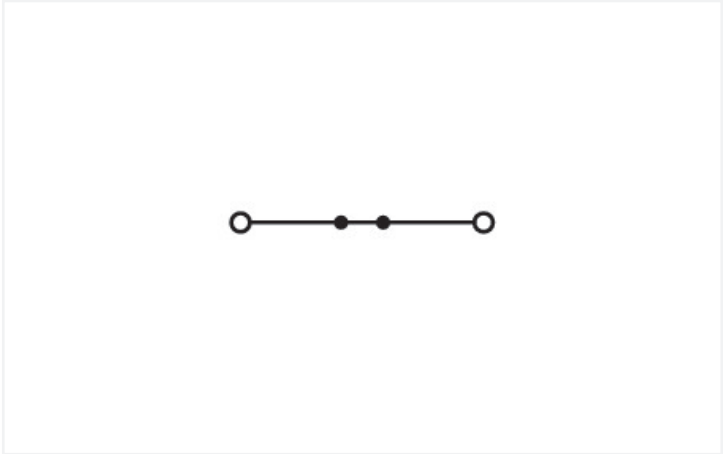
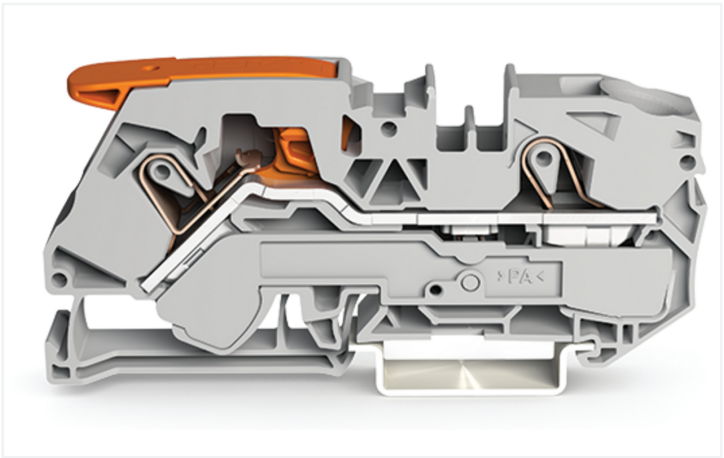
Data Sheet | Item Number: 2116-1201

2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 16 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 16,00 mm²; gray

<https://www.wago.com/2116-1201>



Color: ■ gray



Similar to illustration

Through terminal block, 2116 Series, Push-in CAGE CLAMP®

Our through terminal block (item number 2116-1201) is the perfect way to connect conductors quickly and securely. 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. This through rail-mount terminal block has a rated voltage of 800 V and can handle currents up to 76 A. Strip lengths must be between 18 mm and 20 mm when connecting conductors to this through terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this connector outperforms the competition. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be plugged in without the need for tools—all thanks to its pluggable design. The dimensions are 12 x 91.5 x 43.7 mm (width x height x depth). This through terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 16 mm². It comes with one level and two clamping points that you can use to connect a single potential. The gray 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 offer more than just secure electrical connections in various industrial applications and modern building installations. They also offer the perfect solution for every need: lever, push-button, or operating slot. These through rail-mount terminal blocks are mounted using DIN-35 rails.. The front-entry wiring makes it possible 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 60947-7-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		800 V	-	-
Rated surge voltage		8 kV	-	-
Rated current		76 A	-	-

Ratings per		IEC/EN 60947-7-1		
Current at conductor cross-section (max.) mm²		90 A	-	-



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!

Approvals per		CSA 22.2 No 158		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		85 A	85 A	-

Power Loss	
Power loss, per pole (potential)	2.4259 W
Rated current I <sub>N</sub> for specified power loss	76 A
Resistance value for specified, current-dependent power loss	0.00042 Ω

Connection data

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

Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		600 V	600 V	-
Rated current		85 A	85 A	-

Ex information	
Reference hazardous areas	See “Downloads – Documentation – Additional Information: Technical Section; Technical Explanations”
Ratings per	ATEX: PTB 18 ATEX 1012 U / IECEx: PTB 18.0019U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	76 A
Rated current (Ex e II) with jumper	65 A

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	16 mm²
Solid conductor	0.5 ... 16 mm² / 20 ... 6 AWG
Solid conductor; push-in termination	2.5 ... 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 inches
Wiring direction	Front-entry wiring

Connection 2	
Actuation type	Operating tool

**Physical data**

Width	12 mm / 0.472 inches
Height	91.5 mm / 3.602 inches
Depth from upper-edge of DIN-rail	36.9 mm / 1.453 inches
Depth	43.7 mm / 1.72 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	0.65 MJ
Actuator color	orange
Weight	32.1 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)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143754422
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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