

Data Sheet | Item Number: 812-102

Busbar terminal block; for (10 x 3) mm busbars; without push-buttons; Push-in CAGE CLAMP®; dark gray

<https://www.wago.com/812-102>



Color: ■ dark gray

Similar to illustration

Common potential terminal block, 812 Series, operating tool

This common potential terminal block (item number 812-102) streamlines wire connections, making them both quick and easy. Conductors can only be connected to this common potential terminal block if their strip length is 11 mm. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing to use any tools—all thanks to its pluggable design. The item's dimensions are 75 x 30 x 27.5 mm (width x height x depth). Depending on the conductor type, this common potential terminal block is designed for conductor cross sections ranging from 0.5 mm² to 4 mm². It has one level. You can connect a single potential using the twelve clamping points. The dark gray housing is made of polyamide (PA66) for insulation.

Electrical data		
Ratings per IEC/EN		Ratings per IEC/EN – Notes
Nominal voltage (III/3)	1000 V	Rated current (note)  Current carrying capacity: With a maximum total current of 96 A, the clamping units of the busbar terminal block can be loaded with the rated current of the conductor cross-sections approved. This only applies when (10 x 3) mm busbars are used.
Rated impulse withstand voltage (III / 3)	6 kV	
Rated current	96 A	
Legend (ratings)	(III / 3) △ Overvoltage category III / Pollution degree 3	

Connection data		
Clamping units	12	<div>Connection 1</div> <div>Connection technology</div> <div>Push-in CAGE CLAMP®</div> <div>Actuation type</div> <div>Operating tool</div> <div>Connectable conductor materials</div> <div>Copper</div> <div>Solid conductor</div> <div>0.5 ... 4 mm² / 20 ... 12 AWG</div> <div>Solid conductor; push-in termination</div> <div>0.5 ... 4 mm² / 20 ... 12 AWG</div> <div>Stranded conductor</div> <div>0.5 ... 4 mm² / 20 ... 12 AWG</div> <div>Fine-stranded conductor</div> <div>0.5 ... 4 mm² / 20 ... 12 AWG</div> <div>Strip length</div> <div>11 mm / 0.43 inches</div> <div>Wiring direction</div> <div>Front-entry wiring</div>
Total number of potentials	1	
Number of levels	1	



Physical data		
Width		75 mm / 2.953 inches
Height		30 mm / 1.181 inches
Depth		27.5 mm / 1.083 inches

Material data		
Note (material data)		<a href="#">Information on material specifications can be found here</a>
Color		dark gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.823 MJ
Weight		35.7 g

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

Commercial data		
Product Group		12 (Matrix Patch Board)
eCl@ss 10.0		27-14-11-46
eCl@ss 9.0		27-14-11-46
ETIM 9.0		EC000001
ETIM 8.0		EC000001
PU (SPU)		10 pcs
Packaging type		Box
Country of origin		PL
GTIN		4044918253277
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption