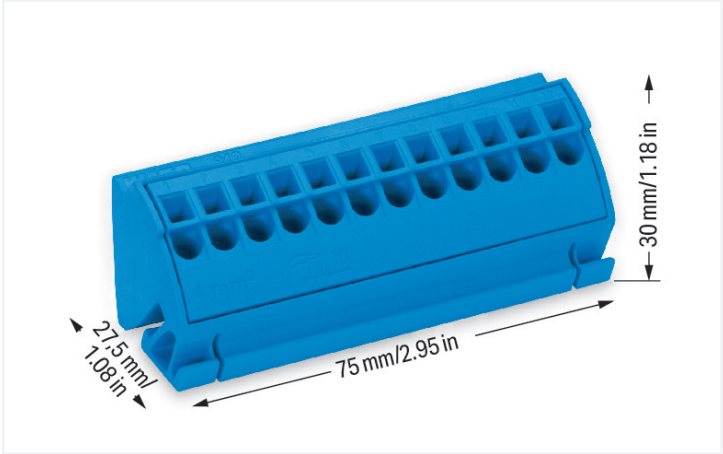


Data Sheet | Item Number: 812-104

Busbar terminal block; for (10 x 3) mm busbars; without push-buttons; Push-in CAGE CLAMP®; 4,00 mm²; blue

<https://www.wago.com/812-104>



Color: ■ blue

Common potential terminal block, 812 Series, blue

Connect conductors quickly and securely with this common potential terminal block (item number 812-104). Strip lengths must be 11 mm when connecting conductors to this common potential terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this product 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. The item's dimensions are 75 x 30 x 27.5 mm (width x height x depth). This common potential terminal block is suitable 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 blue housing is made of polyamide (PA66) for insulation.

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	1000 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	96 A
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3

Ratings per IEC/EN – Notes	
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.

Connection data

Clamping units	12
Total number of potentials	1
Number of levels	1

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 4 mm² / 20 ... 12 AWG
Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Front-entry wiring



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		blue
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.89 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		4044918253291
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption