



Color: ■ dark gray

Similar to illustration

Common potential terminal block, 812 Series, operating tool

Our common potential terminal block (item number 812-112) is the perfect way to connect conductors quickly and securely. Ensure that the strip lengths are 12 mm when connecting conductors to this common potential terminal block. Featuring conductor terminals along with CAGE CLAMP®, this product outperforms the competition. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. The item's dimensions are 38 x 42.5 x 43.5 mm (width x height x depth). This common potential terminal block is suitable for conductor cross sections ranging from 1.5 mm² to 16 mm². It has one level. You can connect a single potential using the three 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	3	Connection 1	
Total number of potentials	1	Connection technology	CAGE CLAMP®
Number of levels	1	Actuation type	Operating tool
		Connectable conductor materials	Copper
		Solid conductor	1.5 ... 16 mm² / 14 ... 6 AWG
		Fine-stranded conductor	1.5 ... 16 mm² / 14 ... 6 AWG
		Strip length	12 mm / 0.47 inches
		Wiring direction	Front-entry wiring



Physical data		
Width		38 mm / 1.496 inches
Height		42.5 mm / 1.673 inches
Depth		43.5 mm / 1.713 inches

Material data		
Note (material data)		Information on material specifications can be found here
Color		dark gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.854 MJ
Weight		41.9 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)		12 pcs
Packaging type		Box
Country of origin		PL
GTIN		4045454014902
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption