



Color: ■ red

Common potential terminal block, 812 Series, CAGE CLAMP®

Our common potential terminal block (item number 812-113) simplifies electrical installations. Ensure that the strip lengths are 12 mm when connecting conductors to this common potential terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our proven universal connection known as CAGE CLAMP® leads the way when it comes to connection technology and electrical interconnections. The item's dimensions are 38 x 42.5 x 43.5 mm (width x height x depth). Depending on the conductor type, this common potential terminal block is ideal for conductor cross sections ranging from 1.5 mm² to 16 mm². It has one level. The single potential can connect using the three clamping points. The red 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) △ 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	3
Total number of potentials	1
Number of levels	1

Connection 1	
Connection technology	CAGE CLAMP®
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		red
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.851 MJ
Weight		42 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		4045454014919
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption