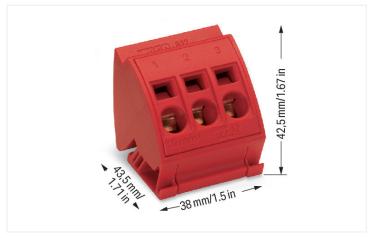
## Data Sheet | Item Number: 812-113

Busbar terminal block; for (10 x 3) mm busbars; without push-buttons; CAGE

CLAMP®; red

https://www.wago.com/812-113







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  $\times$  42.5  $\times$  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                        |   | Ratings per IEC/EN – Notes |  |
| Nominal voltage (III/3)                   | 1000 V  | Rated current (note)       | Current carrying capacity: With a maxi-  |
| Rated impulse withstand voltage (III / 3) | 6 kV  |                            | mum total current of 96 A, the clamping units of the busbar terminal block can be    |
| Rated current                             | 96 A  |                            | loaded with the rated current of the con-  |
| Legend (ratings)                          | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |                            | ductor cross-sections approved. This only applies when (10 x 3) mm busbars are used. |

| 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    |

## Data Sheet | Item Number: 812-113

https://www.wago.com/812-113



| Physical data |                        |  |
|---------------|------------------------|--|
| Width         | 38 mm / 1.496 inches   |  |
| Height        | 42.5 mm / 1.673 inches |  |
| Donth         | 43.5 mm / 1.713 inches |  |

| Material data                      |   |
|------------------------------------|---|
| Note (material data)               |   |
|                                    | <u>Information on material specifications can be found here</u> |
| 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 |

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

Current addresses can be found at::  $\underline{www.wago.com}$ 

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