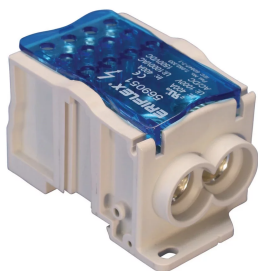


## EÉNPOLIG VERDEELBLOK, 400 A IEC, INPUT 2, OUTPUT 12 KABELS, KOPER

### CATALOG NUMBER

**UD-400212CU**



### CERTIFICATIONS



### FEATURES

Tinned copper or aluminum block allows for copper or aluminum conductor direct connections, or using ferrule

Screw retaining cover is hinged and removable

Design allows for visual inspection of conductor and confirmation of connection

Modulaire blokken met klikbevestiging voor het bouwen van meerpolige voedingsblokken

Easily clips onto DIN rail or mounts to panel with screws

95% fill ratio

RoHS compliant

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

Halogeenvrij

### PRODUCTKENMERKEN

Article Number: 569051

Finish: Vertind

Max Current Rating, IEC: 400 A

Max Current Rating, UL/CSA: 400 A

Line Side Connection: 2 Cables

Load Side Connection: 12 Cables

Material: Copper;Thermoplastic

|                                                                       |
|-----------------------------------------------------------------------|
| Line Side Max Conductor Size, IEC: 95 mm <sup>2</sup>                 |
| Load Side Max Conductor Size, IEC: 10 mm <sup>2</sup>                 |
| Max Working Voltage, IEC (Ui): 1000;1500                              |
| Max Working Voltage, UL (Vin): 1000                                   |
| Short Term Withstand Current (Icw) 1s: 24,5 kA                        |
| Peak Short Circuit Current (Ipk): 51 kA                               |
| Rated Conditional Short-Circuit Current (Icc): 24,3 kA                |
| Short Circuit Current Rating (SCCR): 10 kA                            |
| Line Side Number of Connections: 2                                    |
| Line Side Compact Stranded Wire Size: 35 - 95 mm <sup>2</sup>         |
| Line Side Wire Size: 8 min.                                           |
| Load Side Number of Connections: 12                                   |
| Load Side Compact Stranded Wire Size: (12) 2,5 - 10 mm <sup>2</sup>   |
| Load Side Stranded Wire Size - Ferrule: (12) 2,5 - 10 mm <sup>2</sup> |
| Load Side Wire Size: (12) #14 - #6                                    |
| Enclosure Rating: IP 20                                               |
| Depth (D): 50 mm                                                      |
| Height (H): 96 mm                                                     |
| Width (W): 55,73 mm                                                   |
| Unit Weight: 0,38 kg                                                  |
| Certification Details: UL® 1059                                       |
| Flammability Rating: UL® 94V-0                                        |
| Complies With: IEC® 60947-7-1                                         |

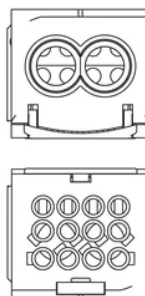
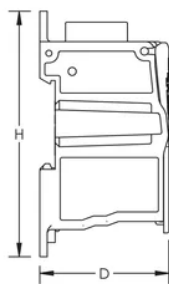
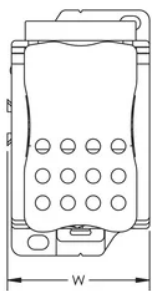
## ADDITIONAL PRODUCT DETAILS

Increase the number of outputs with one input using a jumper on blocks with a Max Current Rating, IEC up to 160 A.

Blocks with 1,000 VAC/DC Max Working Voltage, UL are ideal for solar applications.

| Design Guideline for Distribution Blocks, Power Blocks and Power Terminals              |     |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|
| Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C |     |     |     |      |      |      |      |      |      |      |
| Ambient Temperature (°C)                                                                | 30° | 35° | 40° | 45°  | 50°  | 55°  | 60°  | 65°  | 70°  | 75°  |
| Derating Coefficient (d)                                                                | 1   | 1   | 1   | 0.94 | 0.88 | 0.82 | 0.75 | 0.67 | 0.58 | 0.47 |
| *environment around the terminal blocks inside the enclosure                            |     |     |     |      |      |      |      |      |      |      |

## DIAGRAMS



## WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van [www.nvent.com](http://www.nvent.com) of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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