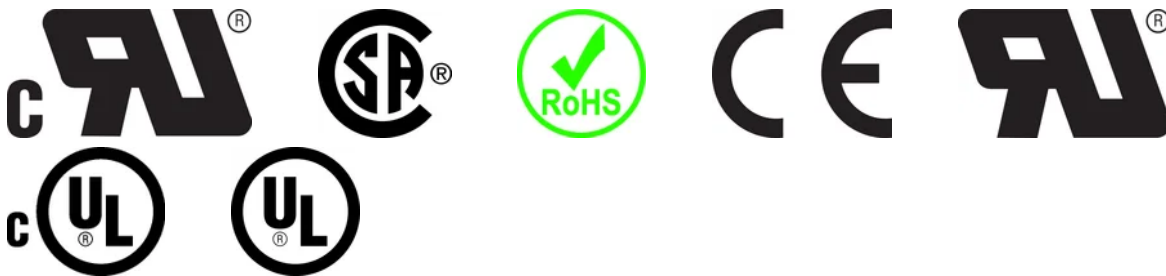


# Single Pole Distribution Block

## Data Solutions



### CERTIFICATIONS



### CARACTERISTICAS

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

Modular snap-together blocks for building multi-pole power blocks

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

Halogen free

## ESPECIFICAÇÕES

**Acabamento:** Tinned

| Table 1/2          |                  |                         |                            |                      |                                   |                         |
|--------------------|------------------|-------------------------|----------------------------|----------------------|-----------------------------------|-------------------------|
| Número de catálogo | Número do artigo | Max Current Rating, IEC | Max Current Rating, UL/CSA | Line Side Connection | Copy of Copy of Output Connection | Material                |
| UDJ-125A           | 569020           | 125A                    | 150A                       | Cable                | 7 Cables                          | Copper, Termoplástico   |
| UDF6C500AL         | 569202           | 500A                    | 475A                       | Flat Conductor       | 6 Cables                          | Aluminio, Termoplástico |
| UD6C500AL          | 569201           | 500A                    | 380A                       | Cable                | 6 Cables                          | Aluminio, Termoplástico |
| UD2C9C1250AL       | 569209           | 1250A                   | 950A                       | 2 Cables             | 9 Cables                          | Aluminio, Termoplástico |
| UD-400212AL        | 569251           | 400A                    | 400A                       | 2 Cables             | 12 Cables                         | Aluminio, Termoplástico |
| UD2C12C1000AL      | 569207           | 1000A                   | 760A                       | 2 Cables             | 12 Cables                         | Aluminio, Termoplástico |
| UD2C12C630AL       | 569205           | 630A                    | 670A                       | 2 Cables             | 12 Cables                         | Aluminio, Termoplástico |
| UD-400212CU        | 569051           | 400A                    | 400A                       | 2 Cables             | 12 Cables                         | Copper, Termoplástico   |
| UDJ-160A           | 569030           | 160A                    | 200A                       | Cable                | 7 Cables                          | Copper, Termoplástico   |
| UDF9C1000AL        | 569210           | 1000A                   | 840A                       | Flat Conductor       | 9 Cables                          | Aluminio, Termoplástico |
| UDF-250A           | 569041           | 250A                    | 255A                       | Flat Conductor       | 6 Cables                          | Copper, Termoplástico   |
| UD-80A             | 569010           | 80A                     | 85A                        | Cable                | 6 Cables                          | Copper, Termoplástico   |
| UD9C630AL          | 569203           | 630A                    | 420A                       | Cable                | 9 Cables                          | Aluminio, Termoplástico |
| UDF9C500AL         | 569204           | 500A                    | 490A                       | Flat Conductor       | 9 Cables                          | Aluminio, Termoplástico |
| UD-400112CU        | 569052           | 400A                    | 335A                       | Cable                | 12 Cables                         | Copper, Termoplástico   |
| UD-400112AL        | 569252           | 400A                    | 335A                       | Cable                | 12 Cables                         | Aluminio, Termoplástico |
| UDF-500A           | 569060           | 500A                    | 335A                       | Flat Conductor       | 11 Cables                         | Copper, Termoplástico   |
| UD-400A            | 569050           | 400A                    | 335A                       | Cable                | 11 Cables                         | Copper, Termoplástico   |

| Número de catálogo | Número do artigo | Max Current Rating, IEC | Max Current Rating, UL/CSA | Line Side Connection | Copy of Copyof Output Connection | Material                |
|--------------------|------------------|-------------------------|----------------------------|----------------------|----------------------------------|-------------------------|
| UD-250A            | 569040           | 250A                    | 255A                       | Cable                | 11 Cables                        | Copper, Termoplástico   |
| UDF12C800AL        | 569208           | 800A                    | 670A                       | Flat Conductor       | 12 Cables                        | Aluminio, Termoplástico |
| UDF12C500AL        | 569206           | 500A                    | 500A                       | Flat Conductor       | 12 Cables                        | Aluminio, Termoplástico |

| Table 2/2          |                  |                                   |                                   |                               |                               |                                    |
|--------------------|------------------|-----------------------------------|-----------------------------------|-------------------------------|-------------------------------|------------------------------------|
| Número de catálogo | Número do artigo | Line Side Max Conductor Size, IEC | Load Side Max Conductor Size, IEC | Max Working Voltage, IEC (Ui) | Max Working Voltage, UL (Vin) | Certifications                     |
| UDJ-125A           | 569020           | 35 mm <sup>2</sup>                | 16 mm <sup>2</sup>                | 1000                          | 600                           | RoHS, cUR, CSA, CE, ERIFLEX UD, UR |
| UDF6C500AL         | 569202           | 100 mm <sup>2</sup>               | 50 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |
| UD6C500AL          | 569201           | 240 mm <sup>2</sup>               | 50 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |
| UD2C9C1250AL       | 569209           | 400 mm <sup>2</sup>               | 95 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | UL, cUL, QPQS7.E49727 6            |
| UD-400212AL        | 569251           | 95 mm <sup>2</sup>                | 10 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUR, CSA, RoHS, UR, CE, ERIFLEX UD |
| UD2C12C1000AL      | 569207           | 240 mm <sup>2</sup>               | 25 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |
| UD2C12C630AL       | 569205           | 185 mm <sup>2</sup>               | 25 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |
| UD-400212CU        | 569051           | 95 mm <sup>2</sup>                | 10 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | RoHS, cUR, CSA, CE, ERIFLEX UD, UR |
| UDJ-160A           | 569030           | 70 mm <sup>2</sup>                | 16 mm <sup>2</sup>                | 1000                          | 600                           | CE, ERIFLEX UD, UR, RoHS, cUR, CSA |
| UDF9C1000AL        | 569210           | 240 mm <sup>2</sup>               | 95 mm <sup>2</sup>                | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |

| Número de catálogo | Número do artigo | Line Side Max ConductorSize, IEC | Load Side Max ConductorSize, IEC | Max Working Voltage, IEC (Ui) | Max Working Voltage, UL (Vin) | Certifications                     |
|--------------------|------------------|----------------------------------|----------------------------------|-------------------------------|-------------------------------|------------------------------------|
| UDF-250A           | 569041           | 70 mm <sup>2</sup>               | 16 mm <sup>2</sup>               | 1000                          | 600                           | RoHS, UR, CE, ERIFLEX UD, cUR      |
| UD-80A             | 569010           | 16 mm <sup>2</sup>               | 16 mm <sup>2</sup>               | 1000                          | 600                           | cUR, CSA, RoHS, UR, CE, ERIFLEX UD |
| UD9C630AL          | 569203           | 300 mm <sup>2</sup>              | 25 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |
| UDF9C500AL         | 569204           | 100 mm <sup>2</sup>              | 25 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | UL, cUL, QPQS7.E49727 6            |
| UD-400112CU        | 569052           | 185 mm <sup>2</sup>              | 10 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | UR, CE, ERIFLEX UD, RoHS, cUR, CSA |
| UD-400112AL        | 569252           | 185 mm <sup>2</sup>              | 10 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | RoHS, cUR, CSA, UR, CE, ERIFLEX UD |
| UDF-500A           | 569060           | 185 mm <sup>2</sup>              | 35 mm <sup>2</sup>               | 1000                          | 600                           | UR, CE, ERIFLEX UD, RoHS, cUR      |
| UD-400A            | 569050           | 185 mm <sup>2</sup>              | 35 mm <sup>2</sup>               | 1000                          | 600                           | CE, ERIFLEX UD, UR, RoHS, cUR, CSA |
| UD-250A            | 569040           | 120 mm <sup>2</sup>              | 35 mm <sup>2</sup>               | 1000                          | 600                           | cUR, CSA, RoHS, CE, ERIFLEX UD, UR |
| UDF12C800AL        | 569208           | 240 mm <sup>2</sup>              | 25 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | UL, cUL, QPQS7.E49727 6            |
| UDF12C500AL        | 569206           | 100 mm <sup>2</sup>              | 25 mm <sup>2</sup>               | 1000, 1500                    | 1000                          | cUL, QPQS7.E49727 6, UL            |

## DETALHES ADICIONAIS DO PRODUTO

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.

## AVISO

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Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em [www.nVent.com](http://www.nVent.com) e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.



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