

# Enpoligt fördelningsblock

## Data Solutions



### CERTIFIERINGAR



### DESIGN

Uppfyller RoHS

Halogenfri

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

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

## SPECIFIKATIONER

Yta: Förtentat

Table 1/3

| Katalognummer | Artikelnummer | E-nummer | Max. märkström, IEC | Max. märkström, UL/CSA | Ledningssideanslutning | Anslutning för belastningssida |
|---------------|---------------|----------|---------------------|------------------------|------------------------|--------------------------------|
| UDJ-125A      | 569020        |          | 125A                | 150A                   | Kabel                  | 7 kablar                       |
| UDF6C500AL    | 569202        |          | 500A                | 475A                   | Flatledare             | 6 kablar                       |
| UD6C500AL     | 569201        |          | 500A                | 380A                   | Kabel                  | 6 kablar                       |
| UD2C9C1250AL  | 569209        |          | 1250A               | 950A                   | 2 kablar               | 9 kablar                       |
| UD-400212AL   | 569251        |          | 400A                | 400A                   | 2 kablar               | 12 kablar                      |
| UD2C12C1000AL | 569207        |          | 1000A               | 760A                   | 2 kablar               | 12 kablar                      |
| UD2C12C630AL  | 569205        |          | 630A                | 670A                   | 2 kablar               | 12 kablar                      |
| UD-400212CU   | 569051        |          | 400A                | 400A                   | 2 kablar               | 12 kablar                      |
| UDJ-160A      | 569030        | 2674282  | 160A                | 200A                   | Kabel                  | 7 kablar                       |
| UDF9C1000AL   | 569210        |          | 1000A               | 840A                   | Flatledare             | 9 kablar                       |
| UDF-250A      | 569041        |          | 250A                | 255A                   | Flatledare             | 6 kablar                       |
| UD-80A        | 569010        |          | 80A                 | 85A                    | Kabel                  | 6 kablar                       |
| UD9C630AL     | 569203        |          | 630A                | 420A                   | Kabel                  | 9 kablar                       |
| UDF9C500AL    | 569204        |          | 500A                | 490A                   | Flatledare             | 9 kablar                       |
| UD-400112CU   | 569052        |          | 400A                | 335A                   | Kabel                  | 12 kablar                      |
| UD-400112AL   | 569252        |          | 400A                | 335A                   | Kabel                  | 12 kablar                      |
| UDF-500A      | 569060        |          | 500A                | 335A                   | Flatledare             | 11 kablar                      |
| UD-400A       | 569050        | 2674284  | 400A                | 335A                   | Kabel                  | 11 kablar                      |
| UD-250A       | 569040        | 2674283  | 250A                | 255A                   | Kabel                  | 11 kablar                      |
| UDF12C800AL   | 569208        |          | 800A                | 670A                   | Flatledare             | 12 kablar                      |
| UDF12C500AL   | 569206        |          | 500A                | 500A                   | Flatledare             | 12 kablar                      |

Table 2/3

| Katalognummer | Artikelnummer | E-nummer | Material              | Max. ledarstorlek för ledningssida, IEC | Max. ledarstorlek för belastningssida, IEC | Max. arbetsspänning, IEC (Ui) |
|---------------|---------------|----------|-----------------------|---|--|-------------------------------|
| UDJ-125A      | 569020        |          | Koppar, Termoplast    | 35 mm <sup>2</sup>                      | 16 mm <sup>2</sup>                         | 1000                          |
| UDF6C500AL    | 569202        |          | Aluminium, Termoplast | 100 mm <sup>2</sup>                     | 50 mm <sup>2</sup>                         | 1000, 1500                    |

| Katalognummer | Artikelnummer | E-nummer | Material              | Max. ledarstorlek för ledningssida, IEC | Max. ledarstorlek för belastningssida, IEC | Max. arbetsspänning, IEC (Ui) |
|---------------|---------------|----------|-----------------------|---|--|-------------------------------|
| UD6C500AL     | 569201        |          | Aluminium, Termoplast | 240 mm <sup>2</sup>                     | 50 mm <sup>2</sup>                         | 1000, 1500                    |
| UD2C9C1250AL  | 569209        |          | Aluminium, Termoplast | 400 mm <sup>2</sup>                     | 95 mm <sup>2</sup>                         | 1000, 1500                    |
| UD-400212AL   | 569251        |          | Aluminium, Termoplast | 95 mm <sup>2</sup>                      | 10 mm <sup>2</sup>                         | 1000, 1500                    |
| UD2C12C1000AL | 569207        |          | Aluminium, Termoplast | 240 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |
| UD2C12C630AL  | 569205        |          | Aluminium, Termoplast | 185 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |
| UD-400212CU   | 569051        |          | Koppar, Termoplast    | 95 mm <sup>2</sup>                      | 10 mm <sup>2</sup>                         | 1000, 1500                    |
| UDJ-160A      | 569030        | 2674282  | Koppar, Termoplast    | 70 mm <sup>2</sup>                      | 16 mm <sup>2</sup>                         | 1000                          |
| UDF9C1000AL   | 569210        |          | Aluminium, Termoplast | 240 mm <sup>2</sup>                     | 95 mm <sup>2</sup>                         | 1000, 1500                    |
| UDF-250A      | 569041        |          | Koppar, Termoplast    | 70 mm <sup>2</sup>                      | 16 mm <sup>2</sup>                         | 1000                          |
| UD-80A        | 569010        |          | Koppar, Termoplast    | 16 mm <sup>2</sup>                      | 16 mm <sup>2</sup>                         | 1000                          |
| UD9C630AL     | 569203        |          | Aluminium, Termoplast | 300 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |
| UDF9C500AL    | 569204        |          | Aluminium, Termoplast | 100 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |
| UD-400112CU   | 569052        |          | Koppar, Termoplast    | 185 mm <sup>2</sup>                     | 10 mm <sup>2</sup>                         | 1000, 1500                    |
| UD-400112AL   | 569252        |          | Aluminium, Termoplast | 185 mm <sup>2</sup>                     | 10 mm <sup>2</sup>                         | 1000, 1500                    |
| UDF-500A      | 569060        |          | Koppar, Termoplast    | 185 mm <sup>2</sup>                     | 35 mm <sup>2</sup>                         | 1000                          |
| UD-400A       | 569050        | 2674284  | Koppar, Termoplast    | 185 mm <sup>2</sup>                     | 35 mm <sup>2</sup>                         | 1000                          |
| UD-250A       | 569040        | 2674283  | Koppar, Termoplast    | 120 mm <sup>2</sup>                     | 35 mm <sup>2</sup>                         | 1000                          |
| UDF12C800AL   | 569208        |          | Aluminium, Termoplast | 240 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |
| UDF12C500AL   | 569206        |          | Aluminium, Termoplast | 100 mm <sup>2</sup>                     | 25 mm <sup>2</sup>                         | 1000, 1500                    |

Table 3/3

| Katalognummer | Artikelnummer | E-nummer | Max. arbetsspänning,<br>UL (Vin) | Certifieringar                        |
|---------------|---------------|----------|----------------------------------|---------------------------------------|
| UDJ-125A      | 569020        |          | 600                              | RoHS, cUR, CSA, CE,<br>ERIFLEX UD, UR |
| UDF6C500AL    | 569202        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UD6C500AL     | 569201        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UD2C9C1250AL  | 569209        |          | 1000                             | UL, cUL,<br>QPQS7.E497276             |
| UD-400212AL   | 569251        |          | 1000                             | cUR, CSA, RoHS, UR,<br>CE, ERIFLEX UD |
| UD2C12C1000AL | 569207        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UD2C12C630AL  | 569205        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UD-400212CU   | 569051        |          | 1000                             | RoHS, cUR, CSA, CE,<br>ERIFLEX UD, UR |
| UDJ-160A      | 569030        | 2674282  | 600                              | CE, ERIFLEX UD, UR,<br>RoHS, cUR, CSA |
| UDF9C1000AL   | 569210        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UDF-250A      | 569041        |          | 600                              | RoHS, UR, CE, ERIFLEX<br>UD, cUR      |
| UD-80A        | 569010        |          | 600                              | cUR, CSA, RoHS, UR,<br>CE, ERIFLEX UD |
| UD9C630AL     | 569203        |          | 1000                             | cUL, QPQS7.E497276,<br>UL             |
| UDF9C500AL    | 569204        |          | 1000                             | UL, cUL,<br>QPQS7.E497276             |
| UD-400112CU   | 569052        |          | 1000                             | UR, CE, ERIFLEX UD,<br>RoHS, cUR, CSA |
| UD-400112AL   | 569252        |          | 1000                             | RoHS, cUR, CSA, UR,<br>CE, ERIFLEX UD |
| UDF-500A      | 569060        |          | 600                              | UR, CE, ERIFLEX UD,<br>RoHS, cUR      |
| UD-400A       | 569050        | 2674284  | 600                              | CE, ERIFLEX UD, UR,<br>RoHS, cUR, CSA |
| UD-250A       | 569040        | 2674283  | 600                              | cUR, CSA, RoHS, CE,<br>ERIFLEX UD, UR |
| UDF12C800AL   | 569208        |          | 1000                             | UL, cUL,<br>QPQS7.E497276             |

| Katalognummer | Artikelnummer | E-nummer | Max. arbetsspänning, UL (Vin) | Certifieringar         |
|---------------|---------------|----------|-------------------------------|------------------------|
| UDF12C500AL   | 569206        |          | 1000                          | cUL, QPQS7.E497276, UL |

## YTTERLIGARE PRODUKTINFORMATION

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                            |     |     |     |      |      |      |      |      |      |      |

## VARNING

nVent produkter ska installeras och användas endast så som anges i nVents bruksanvisning och utbildningsmaterial. Bruksanvisningar är tillgängliga på [www.nvent.com](http://www.nvent.com) och från din nVent kundtjänstrepresentant. Felaktig installation, missbruk, felapplicering eller annan brist i att helt följa nVents instruktioner och varningar kan orsaka att produkten brister, egendomsskador, allvarliga kroppsskador och dödsfall och/eller ogiltigförklara din garanti.



Vårt starka utbud av varumärken:

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