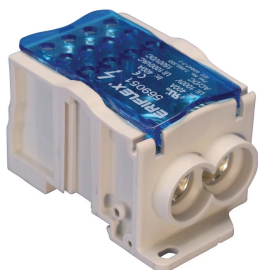


SINGLE POLE DIST. BLOCK, 400 A IEC, 2 CABLES LINE, 12 CABLES LOAD,  
ALUMINUM

KATALOGOVÉ ČÍSLO

**UD-400212AL**



CERTIFICATIONS



VLASTNOSTI

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

VLASTNOSTI PRODUKTU

Article Number: 569251

Povrchová úprava: Tinned

Max Current Rating, IEC: 400A

Max Current Rating, UL/CSA: 400A

Line Side Connection: 2 Cables

Load Side Connection: 12 Cables

Materiál: Aluminum; 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: 24.5kA

Peak Short Circuit Current (Ipk): 51kA

Rated Conditional Short-Circuit Current (Icc): 24.3kA

Short Circuit Current Rating (SCCR): 10kA

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

Hloubka (D): 50mm

Height (H): 96mm

Width (W): 55.73mm

Unit Weight: 0.16kg

Certification Details: UL® 1059

Flammability Rating: UL® 94V-0

Complies With: IEC® 60947-7-1

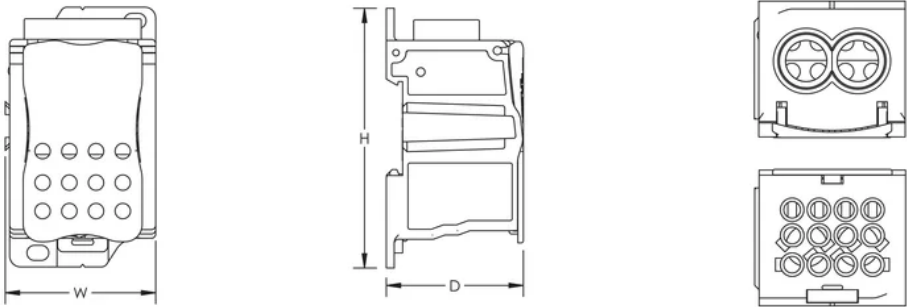
## ADDITIONAL PRODUCT DETAILS

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



## UPOZORNĚNÍ

Produkty nVent musí být instalovány a používány pouze tak, jak je uvedeno v instrukčních listech a materiálech pro školení nVent. Instrukční listy jsou k dispozici na [www.nvent.com](http://www.nvent.com) a od vašeho zástupce zákaznického servisu nVent. Nesprávná instalace, zneužití, nesprávné použití nebo jiný nedostatek úplného dodržování pokynů a varování nVent může způsobit selhání produktu, poškození majetku, vážné zranění osob a smrt a/nebo zrušit vaši záruku.



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**TRACER**