We connect and protect

Single Pole Distribution Block

Power Utilities

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
- 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

SPECIFICATIONS

Table 1/2						
Catalog Number	**Article Number**	**Max Current Rating, IEC**	**Max Current Rating, UL/CSA**	**Line Side Connection**	**Load Side Connection**	**Line Side Max Conductor Size, IEC**
UD2C12C630AL	569205	630 A	670 A	2 Cables	12 Cables	185 mm²
UD-400A	569050	400 A	335 A	Cable	11 Cables	185 mm²
UDF12C800AL	569208	800 A	670 A	Flat Conductor	12 Cables	240 mm²

Table 2/2					
Catalog Number	**Article Number**	**Load Side Max Conductor Size, IEC**	**Max Working Voltage, IEC (Ui)**	**Max Working Voltage, UL (Vin)**	**Certifications**
UD2C12C630AL	569205	25 mm²	1,000 VAC, 1,500 VDC	1,000 VAC/DC	UL
UD-400A	569050	35 mm²	1,000 VAC/DC	600 V	cUR, CSA, UR, RoHS, CE, ERIFLEX UD
UDF12C800AL	569208	25 mm²	1,000 VAC, 1,500 VDC	1,000 VAC/DC	UL

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										

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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