EÉNPOLIG VERDEELBLOK, 80 A IEC, INPUT 1, OUTPUT 6 KABELS, KOPER

CATALOG NUMBER

UD-80A



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: 569010
- Finish: Vertind
- Max Current Rating, IEC: 80 A
- Max Current Rating, UL/CSA: 85 A
- Line Side Connection: Kabel
- Load Side Connection: 6 Cables
- Material: Copper;Thermoplastic

Line Side Max Conductor Size, IEC: 16 mm²
Load Side Max Conductor Size, IEC: 16 mm²
Max Working Voltage, IEC (Ui): 1000
Max Working Voltage, UL (Vin): 600
Short Term Withstand Current (Icw) 1s: 3 kA
Peak Short Circuit Current (Ipk): 22 kA
Rated Conditional Short-Circuit Current (Icc): 11 kA
Short Circuit Current Rating (SCCR): 100 kA
Line Side Number of Connections: 1
Line Side Compact Stranded Wire Size: 6 - 16 mm²
Line Side Wire Size: 16 min.
Load Side Number of Connections: 6
Load Side Compact Stranded Wire Size: (2) 2,5 - 16 mm²;(4) 2,5 - 6 mm²
Load Side Stranded Wire Size - Ferrule: (2) 2,5 - 16 mm²;(4) 2,5 - 6 mm²
Load Side Wire Size: (2) #16 - #4;(4) #16 - #8
Enclosure Rating: IP 20
Depth (D): 46 mm
Height (H): 69 mm
Width (W): 30 mm
Unit Weight: 0,07 kg
Certification Details: UL® 1059
Flammability Rating: UL® 94V-0
Complies With: IEC® 60947-7-1

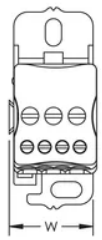
ADDITIONAL PRODUCT DETAILS

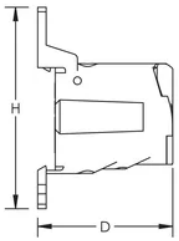
Increase the number of outputs with one input using a jumper on blocks with a Max Current Rating, IEC up to 160 A.

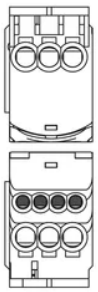
Blocks with 1,000 VAC/DC Max Working Voltage, UL are ideal for solar applications.

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

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