



Material: Copper;Thermoplastic

Line Side Max Conductor Size, IEC: 185 mm<sup>2</sup>

Load Side Max Conductor Size, IEC: 35 mm<sup>2</sup>

Max Working Voltage, IEC (Ui): 1000

Max Working Voltage, UL (Vin): 600

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: 1

Load Side Number of Connections: 11

Load Side Compact Stranded Wire Size: (2) 6 - 35 mm<sup>2</sup>;(4) 2,5 - 10 mm<sup>2</sup>;(5) 2,5 - 16 mm<sup>2</sup>

Load Side Stranded Wire Size - Ferrule: (2) 6 - 25 mm<sup>2</sup>;(4) 2,5 - 10 mm<sup>2</sup>;(5) 2,5 - 16 mm<sup>2</sup>

Load Side Wire Size: (2) #10 - #1;(5) #14 - #4;(4) #14 - #6

Enclosure Rating: IP 20

Depth (D): 50 mm

Height (H): 96 mm

Width (W): 49 mm

Unit Weight: 0,37 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.

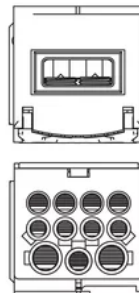
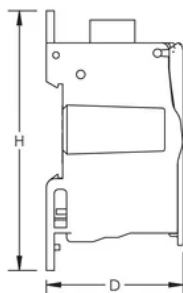
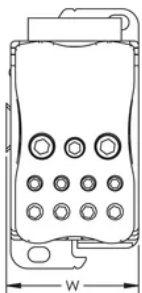
### Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

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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Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van [www.nvent.com](http://www.nvent.com) of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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