

SINGLE POLE DIST. BLOCK, 500 A IEC, FLAT CONDUCTOR LINE, 9 CABLES LOAD, ALUMINUM

目录编号

UDF9C500AL



CERTIFICATIONS



功能

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

产品属性

Article Number: 569204

Finish: Tinned

Max Current Rating, IEC: 500A

Max Current Rating, UL/CSA: 490A

Line Side Connection: Flat Conductor

Load Side Connection: 9 Cables

Material: Aluminum; Thermoplastic

Line Side Max Conductor Size, IEC: 100 mm²

Load Side Max Conductor Size, IEC: 25 mm²

Max Working Voltage, IEC (Ui): 1000; 1500

Max Working Voltage, UL (Vin): 1000

Short Term Withstand Current (Icw) 1s: 32.2kA

Peak Short Circuit Current (Ipk): 52.5kA

Rated Conditional Short-Circuit Current (Icc): 25kA

Short Circuit Current Rating (SCCR): 100kA

Line Side Number of Connections: 1

Line Side Insulated Power Braid Cross Section: 50mm²; 70mm²; 100mm²

Line Side nVent ERIFLEX Flexibar Size: 2x20x1 - 10x24x1

Load Side Number of Connections: 9

Load Side Compact Stranded Wire Size: 4 - 25 mm²

Load Side Stranded Wire Size - Ferrule: #12 - # 6

Load Side Wire Size: #12 - #4

Enclosure Rating: IP 20

Depth (D): 127mm

Height (H): 78mm

Width (W): 43.7mm

Unit Weight: 0.27kg

Certification Details: UL® 1953

Flammability Rating: UL® 94V-0

Complies With: IEC® 60947-7-1

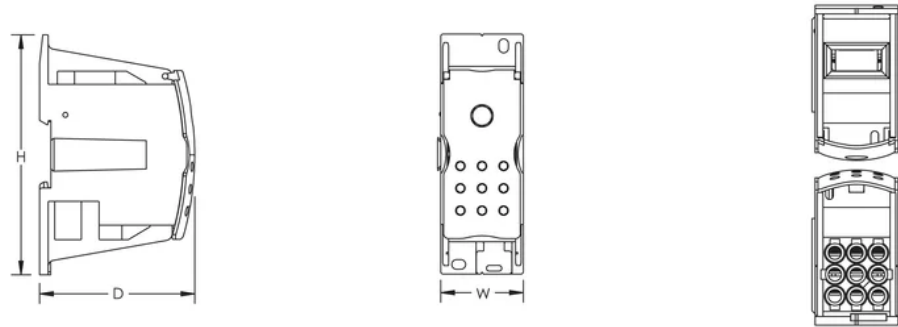
ADDITIONAL PRODUCT DETAILS

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.

分线盒、接线盒和接线端子的设计指南										
根据环境*温度 (°C) 降容以保持 85°C 的工作温度										
环境温度 (°C)	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°
降容系数 (d)	1	1	1	0.94	0.88	0.82	0.75	0.67	0.58	0.47
*柜子内端子排周围的环境										

DIAGRAMS



警告

应仅根据 nVent 的产品说明书与培训材料安装并使用 nVent 的产品。可访问 www.nvent.com 获取说明书，或者向您的 nVent 客服代表索取。错误安装、使用不当、滥用或未能完全遵守 nVent 的说明与警告，可能会造成产品故障、财产损失、严重的人身伤害及死亡和/或使得保修服务无效。