

SINGLE POLE DIST. BLOCK, 500 A IEC, FLAT COND. LINE, 12 CABLES LOAD, ALUMINUM

目录编号

UDF12C500AL



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: 569206
表面处理: Tinned
最大额定电流, IEC: 500A
最大额定电流, UL/CSA: 500A
接线端连接: Flat Conductor
负载端连接: 12 Cables
材料: Aluminum; Thermoplastic
线路端最大导体规格, IEC: 100 mm ²
Load Side Max Conductor Size, IEC: 25 mm ²
最大工作电压, IEC(Ui): 1000; 1500
最大工作电压, UL(Vin): 1000
短期耐受电流(Icw) 1s: 34.3kA
Peak Short Circuit Current (Ipk): 52.5kA
Rated Conditional Short-Circuit Current (Icc): 25kA
短路电流额定值 (SCCR): 100kA
线路端连接数量: 1
线路端绝缘电源编织层截面: 50mm ² ; 70mm ² ; 100mm ²
Line Side nVent ERIFLEX Flexibar Size: 2x20x1 - 10x24x1
负载端连接数量: 12
负载端压缩绞合线尺寸: 4 - 25 mm ²
Load Side Stranded Wire Size - Ferrule: #12 - # 6
负载端电线尺寸: #12 - #4
外壳防护等级: IP 20
深度 (D): 127mm
高度 (H): 78mm
宽度 (W): 43.7mm
元件重量: 0.36kg
Certification Details: UL® 1953
阻燃: UL® 94V-0
符合: IEC® 60947-7-1

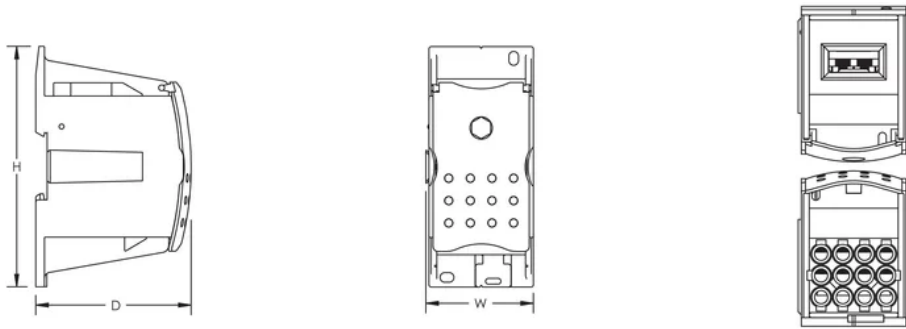
ADDITIONAL PRODUCT DETAILS

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。