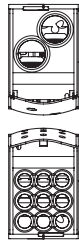
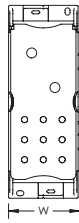
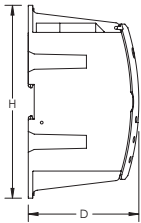


# Single Pole Distribution Block – UD2C9C1250AL (569209)



- 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
- Halogen free
- RoHS compliant



Part Number	UD2C9C1250AL
Article Number	569209
Finish	Tinned
Max Current Rating, IEC	1,250 A
Max Current Rating, UL/CSA	950 A
Line Side Connection	2 Cables
Load Side Connection	9 Cables
Material	Aluminum Thermoplastic
Line Side Max Conductor Size, UL	750 kcmil
Load Side Max Conductor Size, UL	3/0 AWG
Max Working Voltage, IEC (Ui)	1,000 VAC 1,500 VDC
Max Working Voltage, UL (Vin)	1,000 VAC/DC
Short Term Withstand Current (Icw) 1s	84 kA
Peak Short Circuit Current (Ipk)	73.5 kA
Short Circuit Current Rating (SCCR)	100 kA
Line Side Number of Connections	2
Line Side Compact Stranded Wire Size	185 - 400 mm <sup>2</sup>
Line Side Wire Size	400 - 750 kcmil
Load Side Number of Connections	9
Load Side Compact Stranded Wire Size	10 - 95 mm <sup>2</sup>
Load Side Stranded Wire Size - Ferrule	#8 - #1
Load Side Wire Size	#8 - 3/0

Part Number	UD2C9C1250AL
Enclosure Rating	IP 20
Depth	7.7"
Height	4.17"
Width	2.78"
Unit Weight	2.05 lb
Certification Details	UL® 1953
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1
Standard Packaging Quantity	1 pc
UPC	78285697543
EAN-13	0782856975434

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature (°F) to maintain working temperature of 185°F										
Ambient Temperature (°F)	86°	95°	104°	113°	122°	131°	140°	149°	158°	167°
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										

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.

IEC is a registered trademark of the International Electrotechnical Commission. UL, UR, cUL, cULus and cURus are registered certification marks of UL LLC.

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