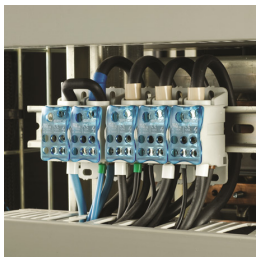
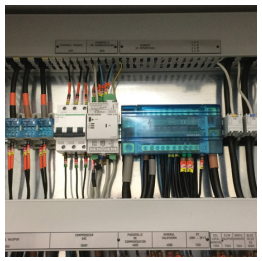
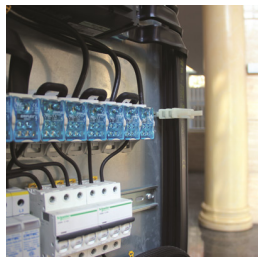
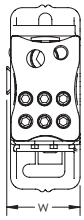
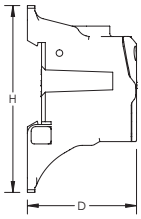
Single Pole Distribution Block – UDJ-125A (569020)

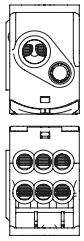






- Tinned copper or aluminum block allows for copper or aluminum conductor direct connections, or using ferrule
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Modular snap-together blocks for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- 95% fill ratio
- RoHS compliant
- Halogen free plastic housing excluding the blue protection cover







Part Number	UDJ-125A
Article Number	569020
Finish	Tinned
Max Current Rating, IEC	125 A
Max Current Rating, UL/CSA	150 A
Line Side Connection	Cable
Load Side Connection	7 Cables
Material	Copper Thermoplastic
Line Side Max Conductor Size, IEC	35 mm²
Load Side Max Conductor Size, IEC	16 mm²
Max Working Voltage, IEC (Ui)	1,000 VAC/DC
Max Working Voltage, UL (Vin)	600 V
Short Term Withstand Current (Icw) 1s	4.2 kA
Peak Short Circuit Current (Ipk)	30 kA
Rated Conditional Short-Circuit Current (Icc)	15 kA
Short Circuit Current Rating (SCCR)	100 kA
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	10 - 35 mm²
Line Side Wire Size	#8 – 1/0
Load Side Number of Connections	7
Load Side Compact Stranded Wire Size	(1) 6 - 16 mm²

Part Number	UDJ-125A
	(6) 2,5 - 16 mm²
Load Side Stranded Wire Size - Ferrule	(1) 6 - 16 mm² (4) 2,5 - 16 mm²
Load Side Wire Size	(1) #14 - #2 Stranded; #14 - #10 Solid (6) #14 - #4
Enclosure Rating	IP 20
Depth	46 mm
Height	77 mm
Width	29 mm
Unit Weight	0.15 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1
Certifications	CE, ERIFLEX UD CSA 70044370 cURus EAC 02942 (Russian Federation) RoHS
Standard Packaging Quantity	1 pc
UPC	78285659418
EAN-13	8711893042658

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										

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.

Blue protection cover is less than 7% of the overall product weight.