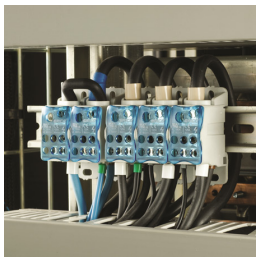
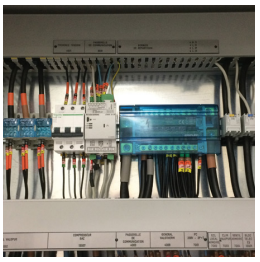
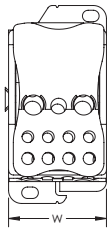
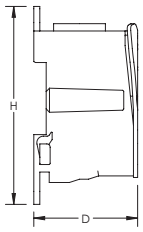
Single Pole Distribution Block – UD-250A (569040)

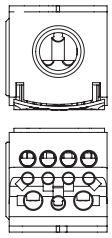




- Tinned copper or aluminum block allows for copper or aluminum conductor direct connections, or using ferrule
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Modular snap-together blocks for building multi-pole power 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







Part Number	UD-250A
Article Number	569040
Finish	Tinned
Max Current Rating, IEC	250 A
Max Current Rating, UL/CSA	255 A
Line Side Connection	Cable
Load Side Connection	11 Cables
Material	Copper Thermoplastic
Line Side Max Conductor Size, IEC	120 mm²
Load Side Max Conductor Size, IEC	35 mm²
Max Working Voltage, IEC (Ui)	1.000 VAC/DC
Max Working Voltage, UL (Vin)	600 V
Short Term Withstand Current (Icw) 1s	24,5 kA
Peak Short Circuit Current (Ipk)	51 kA
Rated Conditional Short-Circuit Current (Icc)	24,3 kA
Short Circuit Current Rating (SCCR)	100 kA
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	35 - 120 mm²
Line Side Wire Size	#6 – 250 kcmil
Load Side Number of Connections	11

Part Number	UD-250A
Load Side Compact Stranded Wire Size	(2) 6 - 35 mm² (4) 2,5 - 10 mm² (5) 2,5 - 16 mm²
Load Side Stranded Wire Size - Ferrule	(2) 6 - 25 mm² (4) 2,5 - 10 mm² (5) 2,5 - 16 mm²
Load Side Wire Size	(2) #10 - #1 (4) #14 - #6 (5) #14 - #4
Enclosure Rating	IP 20
Depth	50 mm
Height	96 mm
Width	49 mm
Unit Weight	0,42 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) EN 45545 HL3/R23, UD/BD/TD/SB RoHS
Standard Packaging Quantity	1 pc
UPC	78285659420
EAN-13	8711893042672

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.