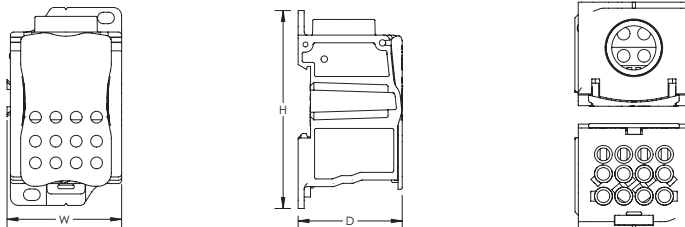


# UD-400A-112CU Single Pole Distribution Block



- Ideal for solar applications
- Tinned copper block allows for copper or aluminum conductor connections
- 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



Material: Copper, Thermoplastic  
Finish: Tinned

Part Number	UD-400112CU
Article Number	569052
Max Current Rating, IEC	400 A
Max Current Rating, UL/CSA	335 A
Short Term Withstand Current (I <sub>cw</sub> ) 1s	24.5 kA
Peak Short Circuit Current (I <sub>pk</sub> )	51 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (U <sub>i</sub> )	1,000 VAC 1,500 VDC
Max Working Voltage, UL (V <sub>in</sub> )	1,000 VAC/DC
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	95 - 185 mm <sup>2</sup>
Line Side Wire Size	3/0 - 400 kcmil
Load Side Number of Connections	12
Line Side Max Conductor Size, IEC	185 mm <sup>2</sup>
Load Side Compact Stranded Wire Size	(12) 2,5 - 10 mm <sup>2</sup>
Load Side Max Conductor Size, IEC	10 mm <sup>2</sup>
Load Side Stranded Wire Size - Ferrule	(12) 2,5 - 10 mm <sup>2</sup>

Part Number	UD-400112CU
Load Side Wire Size	(12) #14 - #6
Enclosure Rating	IP 20
Depth (D)	50 mm
Height (H)	96 mm
Width (W)	55.73 mm
Unit Weight	0.4 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1

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										

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**WARNING**

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