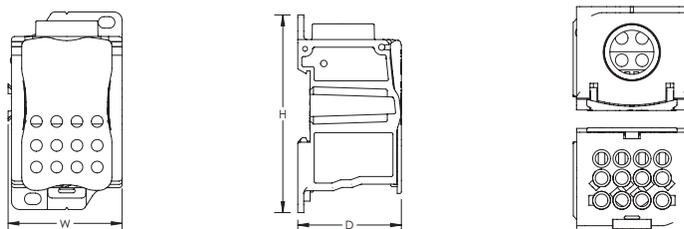


UD-400A-112AL Single Pole Distribution Block – UD-400112AL (569252)



- Ideal for solar applications
- Tinned aluminium block allows for copper or aluminum cable
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Gangable 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	UD-400112AL
Article Number	569252
Material	Aluminum Thermoplastic
Finish	Tinned
Max Current Rating, IEC	400 A
Max Current Rating, UL/CSA	335 A
Short Term Withstand Current (Icw) 1s	24.5 kA
Peak Short Circuit Current (Ipk)	51 kA
Short Circuit Current Rating (SCCR)	10 kA
Max Working Voltage, IEC (Ui)	1,000 VAC 1,500 VDC
Max Working Voltage, UL (Vin)	1,000 VAC/DC
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	95 - 185 mm ²
Line Side Wire Size	3/0 - 400 kcmil
Load Side Number of Connections	12
Load Side Compact Stranded Wire Size	(12) 2,5 - 10 mm ²
Load Side Stranded Wire Size - Ferrule	(12) 2,5 - 10 mm ²
Load Side Wire Size	(12) #14 - #6
Enclosure Rating	IP 20

Part Number	UD-400112AL
Depth (D)	50 mm
Height (H)	96 mm
Width (W)	55.73 mm
Unit Weight	0.18 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1
Certifications	cURus EAC 0234267 (Russian Federation) RoHS
Standard Packaging Quantity	1 pc
UPC	78285668758
EAN-13	8711893104974

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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