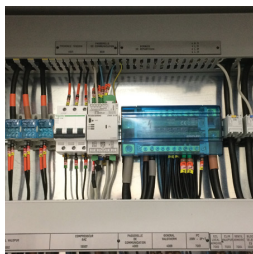
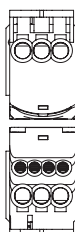
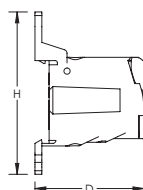


# UD-80A Single Pole Distribution Block – UD-80A (569010)



- Increase the number of outputs with one input using a jumper wire
- 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



Part Number	UD-80A
Article Number	569010
Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	80 A
Max Current Rating, UL/CSA	85 A
Short Term Withstand Current (I <sub>cw</sub> ) 1s	3 kA
Peak Short Circuit Current (I <sub>pk</sub> )	22 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (U <sub>i</sub> )	1,000 VAC/DC
Max Working Voltage, UL (V <sub>in</sub> )	600 V
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	6 - 16 mm <sup>2</sup>
Line Side Wire Size	#16 - #4
Load Side Number of Connections	6
Load Side Compact Stranded Wire Size	(2) 2,5 - 16 mm <sup>2</sup> (4) 2,5 - 6 mm <sup>2</sup>
Load Side Stranded Wire Size - Ferrule	(2) 2,5 - 16 mm <sup>2</sup> (4) 2,5 - 6 mm <sup>2</sup>
Load Side Wire Size	(2) #16 - #4 (4) #16 - #8

Part Number	UD-80A
Enclosure Rating	IP 20
Depth (D)	1.82"
Height (H)	2.72"
Width (W)	1.18"
Unit Weight	0.15 lb
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	78285659417
EAN-13	8711893042641

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										

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**WARNING**

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