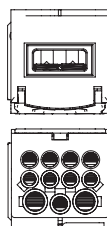
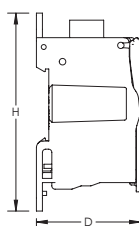
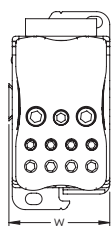


UDF-500A Single Pole Distribution Block – UDF-500A (569060)



- Directly connect ERIFLEX FLEXIBAR on line side
- 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
- 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	UDF-500A
Article Number	569060
Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	500 A
Max Current Rating, UL/CSA	335 A
Short Term Withstand Current (I _{cw}) 1s	24.5 kA
Peak Short Circuit Current (I _{pk})	51 kA
Short Circuit Current Rating (SCCR)	10 kA
Max Working Voltage, IEC (U _i)	1,000 VAC/DC
Max Working Voltage, UL (V _{in})	600 V
Line Side Number of Connections	1
Load Side Number of Connections	11
Load Side Compact Stranded Wire Size	(2) 6 - 35 mm ² (4) 2,5 - 10 mm ² (5) 2,5 - 16 mm ²
Load Side Stranded Wire Size - Ferrule	(2) 6 - 25 mm ² (4) 2,5 - 10 mm ² (5) 2,5 - 16 mm ²
Load Side Wire Size	(2) #8 - #1 (4) #8 - #6 (5) #8 - #4

Part Number	UDF-500A
Enclosure Rating	IP 20
Depth (D)	50 mm
Height (H)	96 mm
Width (W)	49 mm
Unit Weight	0.37 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	78285659424
EAN-13	8711893042696

Line Side ERIFLEX FLEXIBAR Size		
Conducting Layers	Conductor Width	Lamination Thickness
4 - 6	15,5 mm	0,8 mm
2 - 6	20 mm	1 mm
2 - 8	24 mm	1 mm

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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