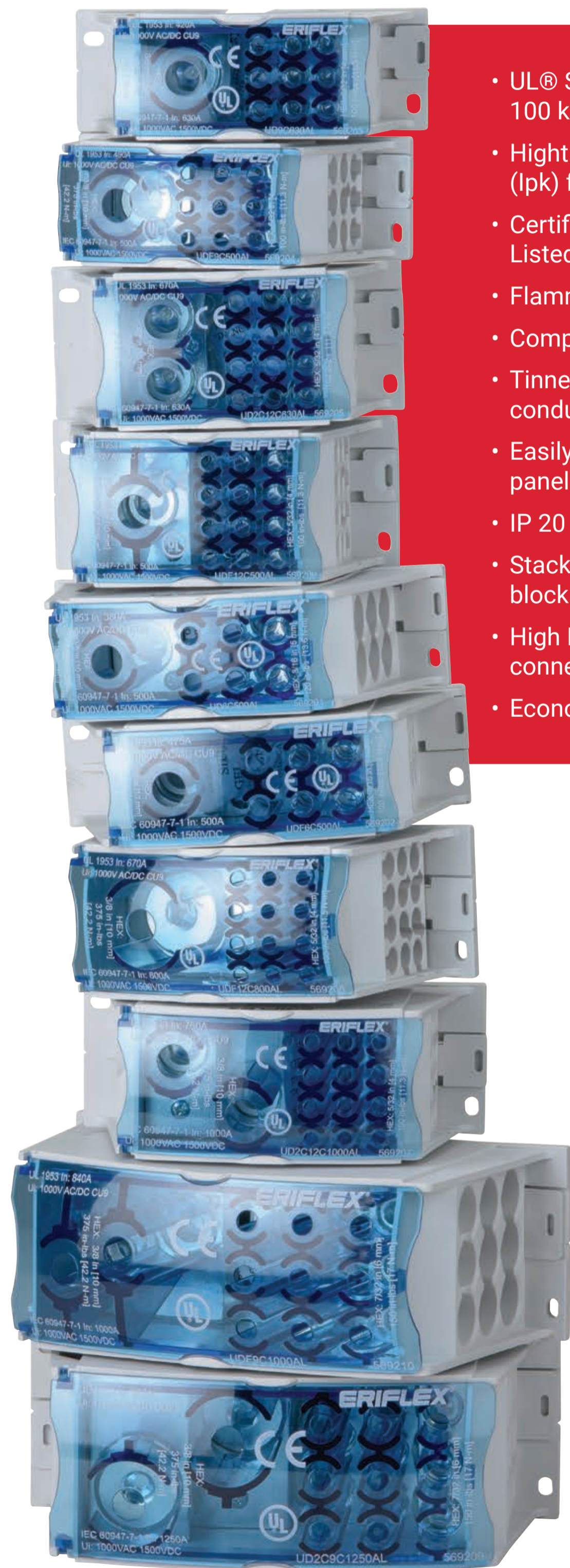


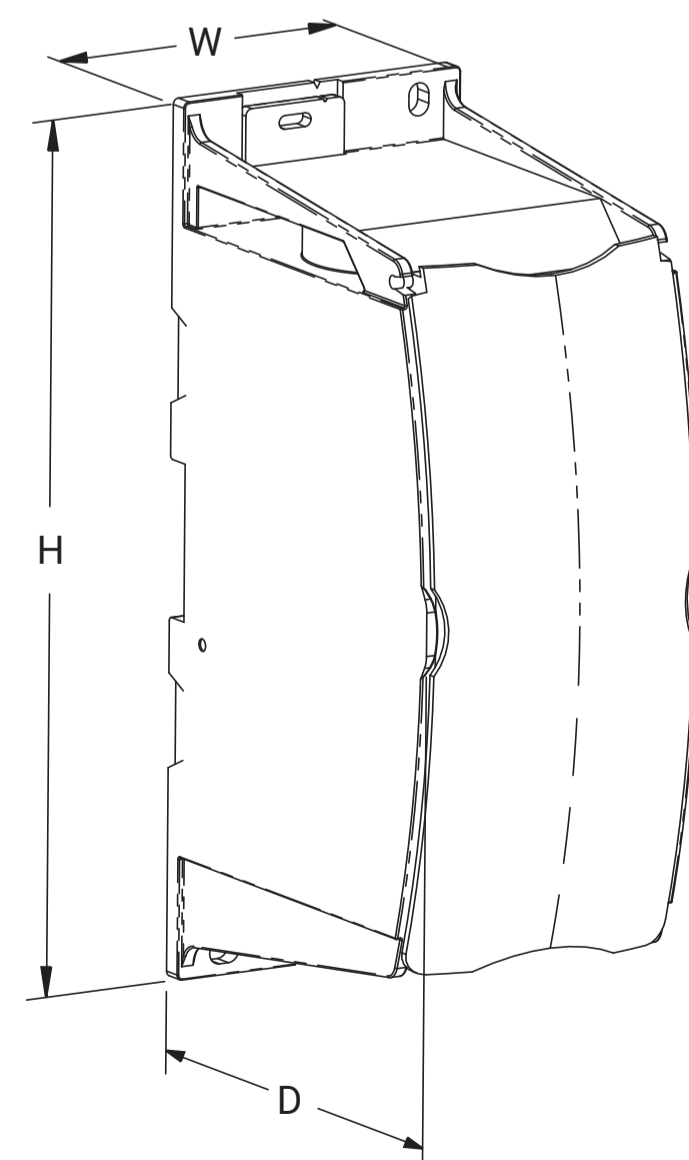
# nVent ERIFLEX Single Pole Distribution Blocks



A COMPLETE AND UNIQUE RANGE OF UL AND IEC SINGLE POLE DISTRIBUTION BLOCKS UP TO 950 A (UL) AND 1740 A (IEC)



- UL® Short Circuit Current Rating SCCR: 100 kA
- High IEC Short Circuit Current rating (Ipk) from 22kA to 73.5kA
- Certification: Recognized as per 1059 or Listed as per 1953 upon models
- Flammability Rating: UL® 94V-0
- Complies with IEC® 60947-7-1
- Tinned Blocks for Copper or Aluminum conductors (flat or round)
- Easily clips onto DIN rail or mounts to panel with screws
- IP 20
- Stackable for building multi-pole power blocks
- High Fil ratio: Allows for conductor connection with or without ferrule
- Economic Solution in Compact Footprint



UDF6C500AL - Flat Conductor - 6 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569202	52,5 kA	545 A / IBSB 775 A / Flexi	475 A	1000 V AC 1500 V DC	1000 V AC/DC	148.1	43.7	90.2	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		IBS/IBSB 50-100mm <sup>2</sup>		or Flexibar 2x20x1 - 10x24x1		5.83	1.72	3.55	
x6		10 - 50 mm <sup>2</sup>		#8 - 1/0 AWG					

UDF-250A - Flexibar - 6 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569041	23 kA	250 A	255 A	1000 V AC 1500 V DC	1000 VAC/DC	79	29	46	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		Flexibar 3x9x0.8 - 6x15.5x0.8		Flexibar 3x9x0.8 - 6x15.5x0.8		3.11	1.16	1.82	
x6		2.5 - 16 mm <sup>2</sup>		#14 - #4 AWG					

UDF9C500AL - UDF9C1000AL - Flat Conductor - 9 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569204	52,5 kA	510 A / IBSB 710 A / Flexi	490 A	1000 V AC 1500 V DC	1000 VAC/DC	127	43.7	78	
569210	73,5 kA	1100 A / IBSB 1450 A / Flexi	840 A	1000 V AC 1500 V DC	1000 VAC/DC	195.6	70.5	105.9	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		IBS/IBSB 50 - 100 mm <sup>2</sup> IBS/IBSB 120 - 240 mm <sup>2</sup>		or Flexibar 2x24x1 - 10x24x1 mm <sup>2</sup> Flexibar 6x24x1 - 10x50x1 mm <sup>2</sup>		5	1.72	3.07	
x9		4 - 25 mm <sup>2</sup> 10 - 95 mm <sup>2</sup>		#12 - #4 AWG #8 - 3/0 AWG		7.7	2.78	4.17	

UDF-500A - Flexibar - 11 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569060	51 kA	500 A	335 A	1000 VAC/DC	600 V	96	49	50	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		Flexibar 4x15.5x0.8 - 8x24x1		Flexibar 4x15.5x0.8 - 8x24x1		3.79	1.93	1.99	
x11		2.5 - 35 mm <sup>2</sup>		#14 - #1 AWG					

UDF12C500AL - UDF12C800AL - Flat Conductor - 12 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569206	52,5 kA	550 A / IBSB 780 A / Flexi	500 A	1000 V AC 1500 V DC	1000 VAC/DC	127	43.7	78	
569208	73,5 kA	800 A / IBSB 885 A / Flexi	670 A	1000 V AC 1500 V DC	1000 VAC/DC	147.3	55.2	79.8	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		IBS/IBSB 50 - 100 mm <sup>2</sup> IBS/IBSB 50 - 240 mm <sup>2</sup>		Flexibar 2x20x1 - 10x24x1 Flexibar 2x20x1 - 10x32x1		5	1.72	3.07	
x12		4 - 25 mm <sup>2</sup> 4 - 25 mm <sup>2</sup>		#12 - #4 AWG #12 - #4 AWG		5.8	2.17	3.14	

UD-80A - UD6C500AL - 1 Cable - 6 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569010	22 kA	80 A	85 A	1000 VAC/DC 1500 VDC	600 V 1000 VAC/DC	69	30	46	
569201	52,5 kA	715 A	380 A	1000 VAC/DC 1500 VDC	600 V 1000 VAC/DC	148.1	43.7	90.2	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		6 - 16 mm <sup>2</sup> 95 - 240 mm <sup>2</sup>		#16 - #4 AWG 3/0 AWG - 500 kcmil		2.72	1.18	1.82	
x6		2.5 - 16 mm <sup>2</sup> 10 - 50 mm <sup>2</sup>		#16 - #4 AWG #8 - 1/0 AWG		5.83	1.72	3.55	

UDJ-125A - UDJ-160A - 1 Cable - 7 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569020	30 kA	125 A	150 A	1000 VAC/DC	600 V	77	29	46	
569030	30 kA	160 A	200 A	1000 VAC/DC	600 V	77	29	46	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		10 - 35 mm <sup>2</sup> 10 - 70 mm <sup>2</sup>		#8 - 1/0 AWG #8 - 3/0 AWG		3.04	1.16	1.82	
x7		2.5 - 16 mm <sup>2</sup> 2.5 - 16 mm <sup>2</sup>		#14 - #4 AWG #14 - #4 AWG		3.04	1.16	1.82	

UD9C630AL - 1 Cable - 9 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569203	52,5 kA	705 A	420 A	1000 V AC 1500 V DC	1000 VAC/DC	127	43.7	78	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		120 - 300 mm <sup>2</sup>		4/0 AWG - 600 kcmil		5	1.72	3.07	
x9		4 - 25 mm <sup>2</sup>		#12 - #4 AWG					

UD-250A - UD-400A - 1 Cable - 11 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569040	51 kA	250 A	255 A	1000 VAC/DC	600 V	96	49	50	
569050	51 kA	400 A	335 A	1000 VAC/DC	600 V	96	49	50	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		35 - 120 mm <sup>2</sup> 95 - 185 mm <sup>2</sup>		#6 AWG - 250 kcmil 3/0 AWG - 400 kcmil		3.79	1.93	1.99	
x11		2.5 - 35 mm <sup>2</sup> 2.5 - 35 mm <sup>2</sup>		#14 - #1 AWG #14 - #1 AWG		3.79	1.93	1.99	

UD-400112AL - UD-400112CU - 1 Cable - 12 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569252	51 kA	400 A	335 A	1000 V AC 1500 V DC	1000 V AC/DC	96	55.73	50	
569052	51 kA	400 A	335 A	1000 V AC 1500 V DC	1000 V AC/DC	96	55.73	50	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x1		95 - 185 mm <sup>2</sup> 95 - 185 mm <sup>2</sup>		3/0 AWG - 400 kcmil 3/0 AWG - 400 kcmil		3.79	2.2	1.99	
x12		2.5 - 10 mm <sup>2</sup> 2.5 - 10 mm <sup>2</sup>		#14 - #6 AWG #14 - #6 AWG		3.79	2.2	1.99	

UD2C9C1250AL - 2 Cables - 9 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569209	73,5 kA	1740 A	950 A	1000 V AC 1500 V DC	1000 V AC/DC	195.6	70.5	105.9	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x2		185 - 400 mm <sup>2</sup>		400 kcmil - 750 kcmil		7.7	2.78	4.17	
x9		10 - 95 mm <sup>2</sup>		#8 - 3/0 AWG					

UD-400212AL - UD-400212CU - UD2C12C630AL - UD2C12C1000AL - 2 Cables - 12 Cables									
Article No.	IEC Short Circuit Current (Ipk)	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)	H mm	W mm	D mm	
569251	51 kA	400 A	400 A	1000 V AC 1500 V DC	1000 V AC/DC	96	55.73	50	
569051	51 kA	400 A	400 A	1000 V AC 1500 V DC	1000 V AC/DC	96	55.73	50	
569205	52,5 kA	1010 A	670 A	1000 V AC 1500 V DC	1000 V AC/DC	127	43.7	78	
569207	73,5 kA	1070 A	760 A	1000 V AC 1500 V DC	1000 V AC/DC	147.3	55.2	79.8	
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in	
x2		35 - 95 mm <sup>2</sup> 35 - 95 mm <sup>2</sup> 95 - 185 mm <sup>2</sup> 35 - 240 mm <sup>2</sup>		#8 - 3/0 AWG #8 - 3/0 AWG 3/0 AWG - 400 kcmil 2 AWG - 500 kcmil		3.79	2.19	1.99	
x12		2.5 - 10 mm <sup>2</sup> 2.5 - 10 mm <sup>2</sup> 4 - 25 mm <sup>2</sup> 4 - 25 mm <sup>2</sup>		#14 - #6 AWG #14 - #6 AWG #12 - #4 AWG #12 - #4 AWG		5.8	2.17	3.14	