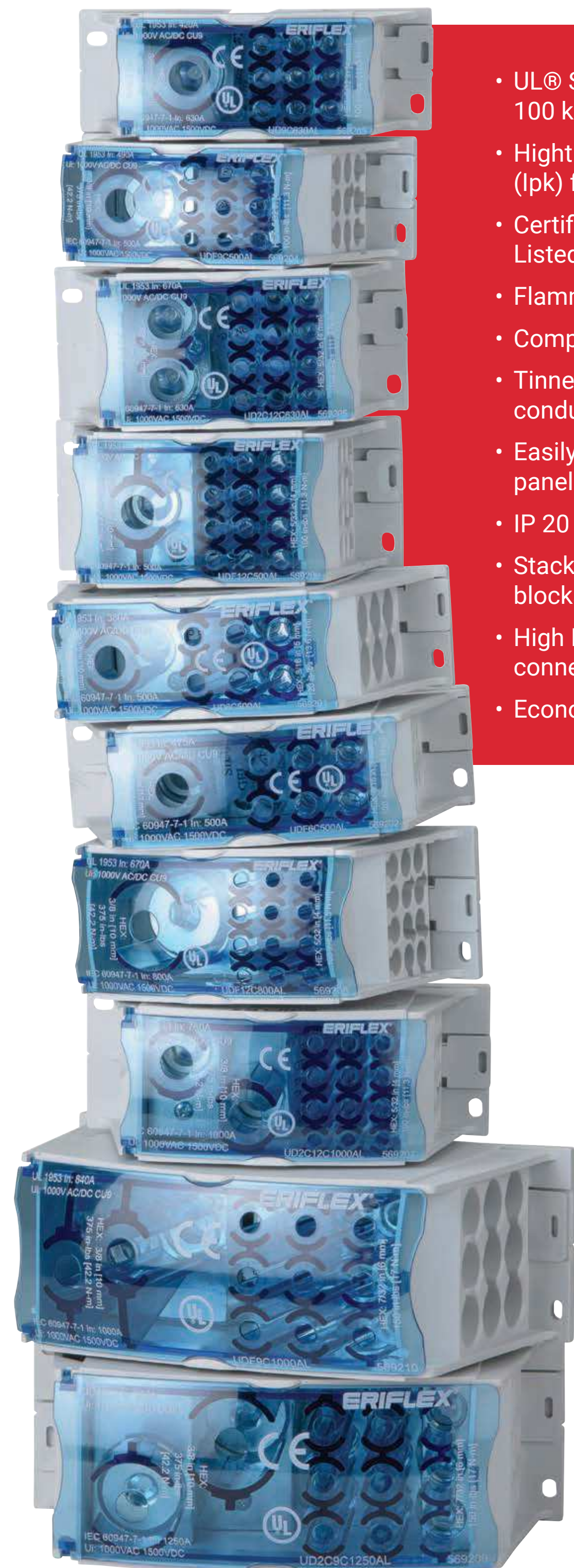


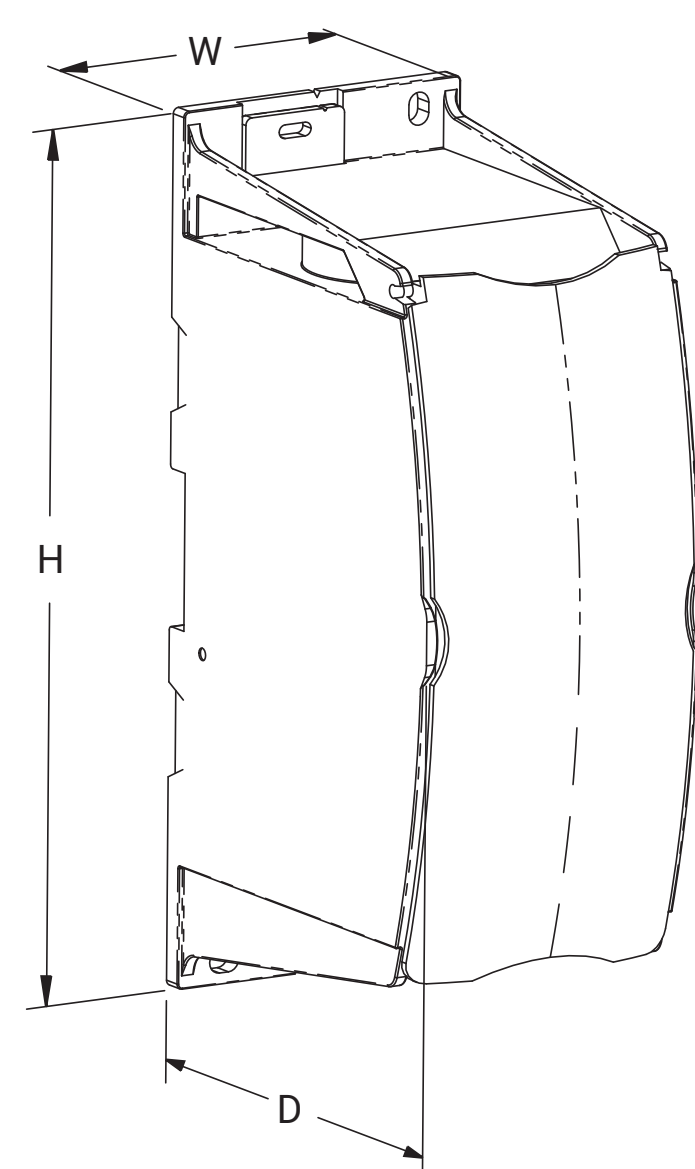
nVent ERIFLEX Single Pole Distribution Blocks



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
NEW 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 ²		Flexibar 2x20x1 - 10x24x1		5.83	1.72	3.55
x6		10 - 50 mm ²		#8 - 1/0 AWG				

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	1 000 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 ²		#14 - #1 AWG				

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	1 000 VAC/DC	600 V	77	29	46
569030	30 kA	160 A	200 A			77	29	46
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in
x1		10 - 35 mm ² 10 - 70 mm ²		#8 - 1/0 AWG #8 - 3/0 AWG		3.04	1.16	1.82
x7		2.5 - 16 mm ² 2.5 - 16 mm ²		#14 - #4 AWG #14 - #4 AWG		3.04	1.16	1.82

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			96	55.73	50
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in
x1		95 - 185 mm ² 95 - 185 mm ²		3/0 AWG - 400 kcmil 3/0 AWG - 400 kcmil		3.79	2.2	1.99
x12		2.5 - 10 mm ² 2.5 - 10 mm ²		#14 - #6 AWG #14 - #6 AWG		3.79	2.2	1.99

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 ²		#14 - #4 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
NEW 569206	52,5 kA	550 A / IBSB 780 A / Flexi	500 A	1000 V AC 1500 V DC	1 000 VAC/DC	127	43.7	78
NEW 569208	73,5 kA	800 A / IBSB 885 A / Flexi	670 A			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 ² IBS/IBSB 50 - 240 mm ²		Flexibar 2x20x1 - 10x24x1 Flexibar 2x20x1 - 10x32x1		5	1.72	3.07
x12		4 - 25 mm ² 4 - 25 mm ²		#12 - #4 AWG #12 - #4 AWG		5.8	2.17	3.14

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
NEW 569203	52,5 kA	705 A	420 A	1000 V AC 1500 V DC	1 000 VAC/DC	127	43.7	78
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in
x1		120 - 300 mm ²		4/0 AWG - 600 kcmil		5	1.72	3.07
x9		4 - 25 mm ²		#12 - #4 AWG				

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
NEW 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 ²		400 kcmil - 750 kcmil		7.7	2.78	4.17
x9		10 - 95 mm ²		#8 - 3/0 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
NEW 569204	52,5 kA	510 A / IBSB 710 A / Flexi	490 A	1000 V AC 1500 V DC	1 000 VAC/DC	127	43.7	78
NEW 569210	73,5 kA	1 100 A / IBSB 1450 A / Flexi	840 A			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 ² IBS/IBSB 120 - 240 mm ²		Flexibar 2x20x1 - 10x24x1 mm ² Flexibar 6x24x1 - 10x50x1 mm ²		5	1.72	3.07
x9		4 - 25 mm ² 10 - 95 mm ²		#12 - #4 AWG #8 - 3/0 AWG		7.7	2.78	4.17

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	1 000 VAC/DC	600 V	69	30	46
NEW 569201	52,5 kA	715 A	380 A	1 000 VAC, 1 500 VDC	1 000 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 ² 95 - 240 mm ²		#16 - #4 AWG 3/0 AWG - 500 kcmil		2.72	1.18	1.82
x6		2.5 - 16 mm ² 10 - 50 mm ²		#16 - #4 AWG #8 - 1/0 AWG		5.83	1.72	3.55

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	1 000 VAC/DC	600 V	96	49	50
569050	51 kA	400 A	335 A			96	49	50
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in
x1		35 - 120 mm ² 95 - 185 mm ²		#6 AWG - 250 kcmil 3/0 AWG - 400 kcmil		3.79	1.93	1.99
x11		2.5 - 35 mm ² 2.5 - 35 mm ²		#14 - #1 AWG #14 - #1 AWG		3.79	1.93	1.99

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			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	1010A	670 A			127	43.7	78
NEW 569207	73,5 kA	1070A	760 A			147.3	55.2	79.8
No. of connections		Metric Conductor		Imperial Conductor		H in	W in	D in
x2		35 - 95 mm ² 35 - 95 mm ² 95 - 185 mm ² 35 - 240 mm ²		#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 ² 2.5 - 10 mm ² 4 - 25 mm ² 4 - 25 mm ²		#14 - #6 AWG #14 - #6 AWG #12 - #4 AWG #12 - #4 AWG		5	1.72	3.07
						5.8	2.17	3.14