

Single Pole Distribution Blocks – Quick Selection Guide

SINGLE POLE DISTRIBUTION BLOCKS (UD SERIES) – QUICK SELECTION GUIDE

Part number	Article number	Typical IEC Current	Max UL Current	Line side: Nbre of connection	Line side Min and Max conductor size	Load side: Nbre of connection	Load side Min and Max conductor size	Max working voltage IEC	Max working voltage UL
UD-80A	569010	80 A	85 A	 1 Cable	6–16 mm ² #16–# 4 AWG	 6 Cables	2.5–16 mm ² #16–# 4 AWG	1,000 VAC/DC	600 VAC/DC
UDJ-125A	569020	125 A	150 A	 1 Cable	10–35 mm ² #8–1/0 AWG	 7 Cables	2.5–16 mm ² #14–# 4 AWG	1,000 VAC/DC	600 VAC/DC
UDJ-160A	569030	160 A	200 A	 1 Cable	10–70 mm ² #8–3/0 AWG	 7 Cables	2.5–16 mm ² #14–# 4 AWG	1,000 VAC/DC	600 VAC/DC
UD-250A	569040	250 A	255 A	 1 Cable	35–120 mm ² #6 AWG–250 kcmil	 11 Cables	2.5–35 mm ² #14–# 1 AWG	1,000 VAC/DC	600 VAC/DC
UDF-250A	569041	250 A	255 A	 Flat Conductor	Flexibar 3X9X0.8– 6x15.5x0.8	 6 Cables	2.5–16 mm ² #14–# 4 AWG	1,000 VAC/DC	600 VAC/DC
UD-400112AL	569252	400 A	335 A	 1 Cable	95–185 mm ² 3/0 AWG–400 kcmil	 12 Cables	2.5–10 mm ² # 14–# 6 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD-400112CU	569052	400 A	335 A	 1 Cable	96–185 mm ² 3/0 AWG–400 kcmil	 12 Cables	2.5–10 mm ² # 14–# 6 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD-400212AL	569251	400 A	400 A	 2 Cables	35–95 mm ² #8–3/0 AWG	 12 Cables	2.5–10 mm ² # 14–# 6 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD-400212CU	569051	400 A	400 A	 2 Cables	35–95 mm ² #8–3/0 AWG	 12 Cables	2.5–10 mm ² # 14–# 6 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD-400A	569050	400 A	335 A	 1 Cable	95–185 mm ² 3/0 AWG–400 kcmil	 11 Cables	2.5–35 mm ² #14–# 1 AWG	1,000 VAC/DC	600 VAC/DC
UDF-500A	569060	500 A	335 A	 Flat Conductor	Flexibar 4x15.5x0.8– 8x24x1	 11 Cables	2.5–35 mm ² #14–# 1 AWG	1,000 VAC/DC	600 VAC/DC
UD6C500AL	569201	500 A	380 A	 1 Cable	95–240 mm ² 3/0AWG– 500 kcmil	 6 Cables	10–50 mm ² #8–1/0 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UDF6C500AL	569202	500 A	475 A	 Flat Conductor	Flexibar 2x20x1– 10x24x1 IBS/IBSB 50–100 mm ²	 6 Cables	10–50 mm ² #8–1/0 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UDF9C500AL	569204	500 A	490 A	 Flat Conductor	Flexibar 2x20x1– 10x24x1 IBS/IBSB 50–100 mm ²	 9 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UDF12C500AL	569206	500 A	500 A	 Flat Conductor	Flexibar 2x20x1– 10x24x1 IBS/IBSB 50–100 mm ²	 12 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD9C630AL	569203	630 A	420 A	 1 Cable	120–300 mm ² 4/0 AWG– 600 kcmil	 9 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD2C12C630AL	569205	630 A	670 A	 2 Cables	95–185 mm ² 3/0 AWG–400 kcmil	 12 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UDF12C800AL	569208	800 A	670 A	 Flat Conductor	Flexibar 2x20x1– 10x32x1 IBS/IBSB 50–240 mm ²	 12 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD2C12C1000AL	569207	1000 A	760 A	 2 Cables	35–240 mm ² 2 AWG–500 kcmil	 12 Cables	4–25 mm ² #12–# 4 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UDF9C1000AL	569210	1000 A	840 A	 Flat Conductor	Flexibar 6x24x1– 10x50x1 IBS/IBSB 120–240 mm ²	 9 Cables	10–95 mm ² #8–3/0 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC
UD2C9C1250AL	569209	1250 A	950 A	 2 Cables	185–400 mm ² 400 kcmil–750 kcmil	 9 Cables	10–95 mm ² #8–3/0 AWG	1,000 VAC, 1,500 VDC	1,000 VAC/DC