


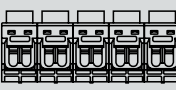
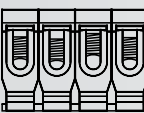
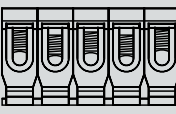
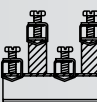
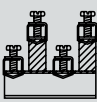
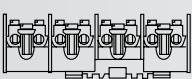
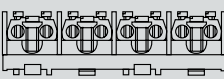
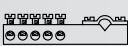


**Technical Details
Terminals**
Connecting terminals for copper conductors (Cu)
Hint: The connection of different types of conductors and/or different cross-sections at one clamping unit is not permitted.

 f¹ = flexible with end ferrule

Type of terminal	Fixed in cable junction boxes	Clamping units per pole	Rated connecting capacity mm ² and types of conductors	Conductors to be connected per pole	Tightening torque	Current carrying capacity	Rated cross section of terminal
 DKL 04	D 9025, D 9125, D 9225, D 9245, D 9045, DP 9025 DP 9221, DP 9222 DE 9325, DE 9326 DE 9345, DE 9346 KD 5025, KD 5045 KF 5025, KF 5045 KF 9025, KF 9045, DN 2035, KF WP 2025, KF WP 2045, KF WP 3025 KF WP 3045	1	6 sol 4 sol 2.5 sol 1.5 sol	1-2 1-3 1-4 1-6	1.2 Nm	–	6 mm ²
 KKL 06	K 9065, KD 5065 KF 5065, KF 9065 KF WP 3065	1	10 sol 6 sol 4 sol 2.5 sol	1-2 1-3 1-4 1-4	1.5 Nm	–	10 mm ²
 KLS 10	K 9105 KD 5105 KF 5105, KF 9105 KF WP 2105, KF WP 3105	2	16 s 10 sol 6 sol 4 sol 2.5 sol, f ¹	1-2 1-4 1-4 1-4 2-6	2 Nm	63 A	16 mm ²
 KLS 25	K 9255, K 9502 KD 5255 KF 5255, KF 9255	2	35 s, f ¹ 25 s, f ¹ 16 s, f ¹ 10 sol, f ¹ 6 sol	1-2 1-4 1-4 1-6 1-6	3 Nm	102 A	35 mm ²
 KLS 50	K 9504	2	50 s 35 s 25 s 16 s	1-4 1-4 1-4 1-6	12 Nm	150 A	50 mm ²
 KLS 51	K 9355, K 9505, KF 9355, KF 9505, KF 5355, KF 5505, KD 5355, KD 4355	2	50 s 35 s 25 s 16 s	1-4 1-4 1-4 1-6	12 Nm	150 A	50 mm ²
 4 x KLS 54	K 7004	4	70 s 50 s 35 s 25 s 16 s	1-4 1-4 1-4 1-4 1-4	10 Nm	216 A	70 mm ²
 5 x KLS 55	K 7005	4	70 s 50 s 35 s 25 s 16 s	1-4 1-4 1-4 1-4 1-4	10 Nm	216 A	70 mm ²
 K 9259 K 9508		incoming 2 outgoing 4	25 r 16 r	1-2 1-4	3 Nm	80 A	25 mm ²
 K 9509 K 9508		incoming 2 outgoing 4	35 r 35 r	1-2 1-4	4 Nm 3 Nm	100 A	35 mm ²
 DP 9026	terminal for equipotential bonding: for 1 continued conductor 4-25 mm ² and 5 conductors 4-10 mm ² (16 mm ² sol)						

Terminal blocks for copper- (Cu) and aluminium conductors (Alu)

Fixed in cable junction boxes	Type	Clamping units per pole	corresponding cross-section mm ²	Conductors to be connected per pole	Cross-sections and types of conductors f = flexible wire f ¹ = flexible wire with end ferrule sol = solid wire s = stranded wire r = rigid (solid and stranded)	Tightening torque	Current carrying capacity	Terminal design/ nominal cross-section of terminal	International approvals of terminal blocks					
									CH/SEV	N/Nemko	DK/Demko	NL/KEMA	SF/SETI	Canada/CSA

Manufacturer Wieland:

RD 9123, RD 9125, RD 9127	WKM 2.5/15 rated voltage AC/DC 500 V	2	2,5 1,5	2	f/f ¹ = 0,5-2,5 sol = 0,5-4 s = 1.5-2.5	0.4 Nm	24 A		•	•		•	•
RD 9045, RD 9041	WKM 4/15 rated voltage AC/DC 500 V	2	4 2.5 1.5	2	f/f ¹ = 0.5-4 sol = 0.5-6 s = 1.5-4	0.5 Nm	32 A		•			•	•
RK 9062, RK 9064 RK 9109, RK 9104	WK 4/U rated voltage AC/DC 800 V	2	4 2.5 1.5	2	f/f ¹ = 0.5-4 sol = 0.5-6 s = 1.5-4	0.5 Nm	41 A		•		•	•	•

Manufacturer Weidmüller:

D 9041	AKZ 2.5 rated voltage AC/DC 250 V	4	2.5 1.5	4	f/f ¹ sol = 0.5-2.5 s = 1.5-2.5	0.5 Nm	20 A		•			•	•
K 9061	AKZ 4 rated voltage AC/DC 400 V	4	4 2.5 1.5	4	f/sol = 0.5-4 s = 1.5-4 f ¹ = 0.5-2.5	0.6 Nm	20 A		•	•	•	•	•
K 9351	WDU 16 N rated voltage AC/DC 400 V	4	16 10 6	4	f ¹ /sol = 1.5-16 f/s = 1.5-25	3.0 Nm	76 A		•	•	•	•	•

K 7051	-	4	2.5-50	4	r = 2.5-50	10.0Nm	Cu 150 A Alu 120 A	
KF 9251 KF 9501	-	2	1.5-50	2	r = 1.5-50	1.5 Nm to 12 Nm	Cu/Alu 150 A	
K 9951	-	4	6-95	4	r = 6-95	12 Nm to 22 Nm	Cu/Alu 490 A	
K 2401	-	4	35-240	4	r = 35-240	26 Nm to 55 Nm	Cu/Alu 850 A	

Terminals

	K 7042 / K 7052	K 1204 / K 1205		K 2404 / K 2405	
Rated connecting capacity	95 mm ²	150 mm ²		240 mm ²	
Current carrying capacity	160 A	250 A		400 A	
Tightening torque	20 Nm	20 Nm		40 Nm	
Clamping units per pole		2	4	2	4
Conductor cross section Cu/Alu¹⁾ sol (round)	10-50	16-50	16-50	25-50	25-50
Conductor cross section Cu/Alu¹⁾ s (round), f (flexible)	16-95	16-150	16-70	25-240	25-120
Conductor cross section Cu/Alu¹⁾ sol (sector)	50-95	50-150	50-70	50-185	50-120
Conductor cross section Cu s (sector)	35-95	35-150	35-70	35-240	35-120
Conductor cross section Alu¹⁾ s (round), f (flexible)	35-70	50-120	35-50	95-185	50-95

1) Prior to connection, aluminium conductors must be prepared according to the relevant technical recommendations. The connections must be checked at regular intervals and maintained after 6 months at the latest.

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Type	Clamping units per pole	Rated connecting capacity per types of conductors		Current carrying capacity
		r (rigid)	f (flexible)	
DPC 9225	4	1.5 - 4 mm ²	1.5 - 4 mm ²	32 A
KC 9045	4	1.5 - 4 mm ²	1.5 - 4 mm ²	32 A
KC 9255	4	2.5 - 10 mm ²	2.5 - 10 mm ²	57 A
KC 9355	4	2.5 - 16 mm ²	2.5 - 16 mm ²	76 A