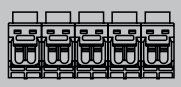
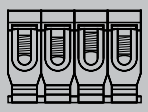
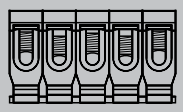
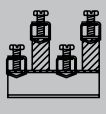
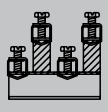
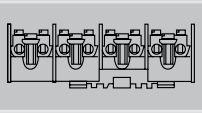
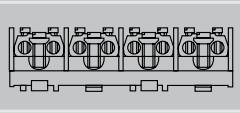
DK Cable junction boxes
Technical details
Terminals

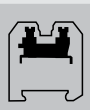
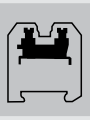
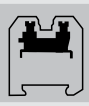
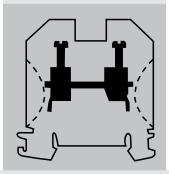
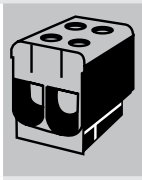
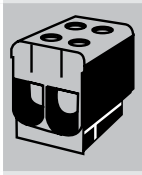
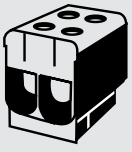
Connecting terminals for copper conductors (Cu)

Hint: The connection of different types of conductors and/or different cross-sections at one clamping unit is not permitted.
f[1] = flexible with end ferrule

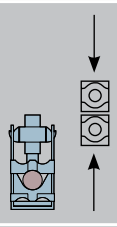
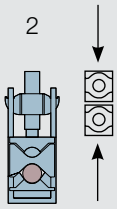
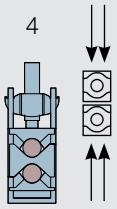
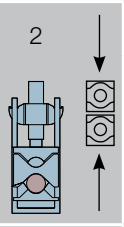
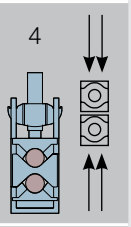
Type of terminal	Fixed in cable junction boxes	Clamping units per pole	Rated connecting capacity mm² and types of conductors	Conductors to be connected per pole	Tightening torque	Current carrying capacity	Rated cross section of terminal
 **DKL 04**	**D 9025, D 9125** **D 9225, D 9245** **D 9045, DP 9025** **DP 9221, DP 9222** **DE 9325, DE 9326** **DE 9345, DE 9346** **KD 5025, KD 5045** **KF 5025, KF 5045** **KF 9025, KF 9045** **KX 2025, KX 2045**	1	6 sol 4 sol 2.5 sol 1.5 sol	1-2 1-3 1-4 1-6	1.5 Nm	–	**6 mm²**
 **KKL 06**	**K 9065** **KD 5065** **KF 5065, KF 9065** **KX 2065**	1	10 sol 6 sol 4 sol 2.5 sol	1-2 1-3 1-4 1-4	1.5 Nm	–	**10 mm²**
 **KLS 10**	**K 9105** **KD 5105** **KF 5105, KF 9105** **KX 2105**	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 mm²**
 **KLS 25**	**K 9255, K 9502** **KD 5255** **KF 5255, KF 9255** **KX 2255**	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 mm²**
 **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 mm²**
 **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 mm²**
 **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 mm²**
 **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 mm²**
	**K 9259** **K 9508**	incoming 2 outgoing 4	25 r 16 r	1-2 1-4	3 Nm	80 A	**25 mm²**
	**K 9509** **K 9508**	incoming 2 outgoing 4	35 r 35 r	1-2 1-4	4 Nm 3 Nm	100 A	**35 mm²**
							

terminal for equipotential bonding:
DP 9026 for 1 continued conductor 4-25 mm² and 5 conductors 4-10 mm² (16 mm² sol)

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

Fixed in cable junction boxes	Type	Clamping units per pole	corresponding cross-section mm²	Conductors to be connected per pole	Cross-sections and types of conductors f = flexible wire f¹ = 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	USA/
	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/f¹ = 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/f¹ = 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/f¹ = 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/f¹ 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 f¹ = 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	f¹/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	10,0 Nm	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 Nm	Cu/Alu 850 A								

DK Cable junction boxes
Technical details
Terminals

Fixed in cable junction boxes	K 7042 / K 7052	K 1204 / K 1205		K 2404 / K 2405	
Rated connecting capacity	95 mm²	150 mm²		240 mm²	
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
Types of conductors					
conductor cross section Cu/Alu sol (round) ●	10-50	16-50	16-50	25-50	25-50
conductor cross section Cu/Alu s (round), f (flexible)	16-95	16-150	16-70	25-240	25-120
conductor cross section Cu/Alu 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 Alu 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.

FIXCONNECT® technology

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 mm²	1.5 - 4 mm²	32 A
KC 9045	4	1.5 - 4 mm²	1.5 - 4 mm²	32 A
KC 9255	4	2.5 - 10 mm²	2.5 - 10 mm²	57 A
KC 9355	4	2.5 - 16 mm²	2.5 - 16 mm²	76 A

International short forms of types of conductors:

r (rigid)	sol (solid)	(conductors with circular cross section and sector type of conductors) ● ▼
	s (stranded)	(conductors with circular cross section and sector type of conductors)
f (flexible)		