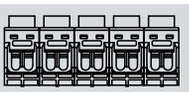
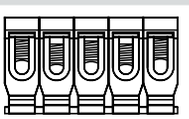
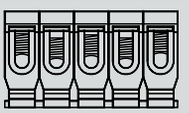
DK Cable junction boxes

Technical details
Terminals

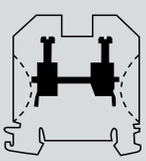
Connecting terminals for copper conductors (Cu)
Hint: The connection of different types of conductors and/or different cross-sections at one clamping unit is not permitted.
f[1] = flexible with end ferrule

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
 **DK KL 02**	**DK 0202 G, DK 0402 G,** **DK 0202 R, DK 0402 R** **KF 0202 G, KF 0202 B** **KF 0402 G, KF 0402 B** **WP 0202 G, WP 0202 B** **WP 0402 G, WP 0402 B**	2	4 sol/f 2.5 sol/f 1.5 sol/f 0.75 f	1-2 1-4 1-6 1-8	0.5 Nm	20 A	**4 mm²**
 **DK KL 04**	**DK 0404 G, DK 0604 G,** **DK 0404 R, DK 0604 R** **KF 0404 G, KF 0404 B** **KF 0604 G, KF 0604 B** **WP 0404 G, WP 0404 B** **WP 0604 G, WP 0604 B**	2	6 sol/f 4 sol/f 2.5 sol/f 1.5 sol/f	1-2 1-4 1-6 1-8	0.7 Nm	32 A	**6 mm²**
 **DK KL 06**	**DK 0606 G, DK 1006 G** **KF 0606 G, KF 0606 B** **KF 1006 G, KF 1006 B** **WP 0606 G, WP 0606 B**	2	10 sol/f 6 sol/f 4 sol/f 2.5 sol/f 1.5 sol/f	1-2 1-4 1-4 1-4 1-6	1.5 Nm	40 A	**10 mm²**
 **DK KS 10**	**DK 1010 G, DK 1610 G** **KF 1010 G, KF 1010 B** **KF 1610 G, KF 1610 B** **WP 1010 G, WP 1010 B**	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**
 **DK KS 16**	**DK 1616 G** **KF 1616 G** **KF 1616 B**	2	35 s. f[1] 25 s. f[1] 16 s. f[1] 10 sol. f[1] 6 sol. f[1]	1-2 1-4 1-4 1-6 1-6	3 Nm	102 A	**35 mm²**
 **DK KS 25**	**DK 2525 G** **KF 2525 G** **KF 2525 B**	2	35 s. f[1] 25 s. f[1] 16 s. f[1] 10 sol. f[1] 6 sol. f[1]	1-2 1-4 1-4 1-6 1-6	3 Nm	102 A	**35 mm²**
 **DK KS 35**	**DK 3535 G** **KF 3535 G** **KF 3535 B**	2	50 s 35 s 25 s 16 s	1-2 1-4 1-4 1-6	12 Nm	125 A	**50 mm²**
 **DK KS 50**	**DK 5054 G** **DK 5055 G**	2	50 s 35 s 25 s 16 s	1-4 1-4 1-4 1-6	12 Nm	150 A	**50 mm²**

DK Cable junction boxes

Technical details
Terminals

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 · N.J/KEMA · SF/SETI · Canada/CSA · USA
	Manufacturer Wieland:								
RK 0203 T, RK 0205 T, RK 0207 T	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		● ● ● ●
RK 0405 T	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 0610 T, RK 0612 T, RK 0614 T, RK 1019 T, RK 1024 T	WT 4 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:								
DK 0402 A	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		● ● ● ●
DK 0604 A	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		● ● ● ● ● ●
DK 2516 A	WDU 16 N rated voltage AC/DC 690 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 55 Nm	Cu/Alu 850 A		

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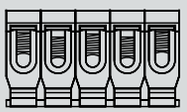
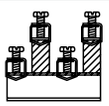
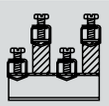
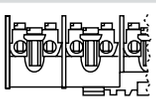
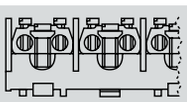
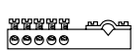
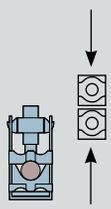
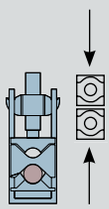
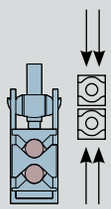
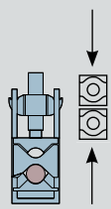
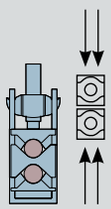
Connecting terminals for copper conductors (Cu)
Hint: The connection of different types of conductors and/or different cross-sections at one clamping unit is not permitted.
f[1] = flexible with end ferrule

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**	**DP 9025, DP 9221, DP 9222, DE 9325, DE 9326, DE 9345, DE 9346**	1	6 sol 4 sol 2.5 sol 1.5 sol	1-2 1-3 1-4 1-6	1.2 Nm	–	**6 mm²**
 **KLS 51**	**K 7055**	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**
	**DK 2524 S** **DK 3525 S**	Incoming 2 Outgoing 4	25 r 16 r	1-2 1-4	3 Nm	80 A	**25 mm²**
	**DK 3534 S** **DK 5035 S**	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)						

Terminals

	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	2	4	2	4
					
Conductor cross section Cu/Alu[1] sol (round)	10-50	16-50	16-50	25-50	25-50
Conductor cross section Cu/Alu[1] s (round), f (flexible)	16-95	16-150	16-70	25-240	25-120
Conductor cross section Cu/Alu[1] 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[1] s (sector)	35-70	50-120	35-50	95-185	50-95

1) Before connecting, aluminum conductors must be pre-treated according to the appropriate 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

*) Without ferrule; clamping unit needs to be opened with a screwdriver when conductor is inserted.