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Terminal Blocks for Use in Zone Classified Hazardous Locations Certified for Canada - Component

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PHOENIX CONTACT GMBH & CO. KG
 FLACHSMARKTSTRASSE 8
 32825 BLOMBERG, GERMANY

E192998

Ex e II.

Cat. No.	Wire Range (AWG)	Wire Range (mm ²)	Wire Type	FW	TQ (Lb In.)	TQ (Nm)	V	A	CA
UK2.5N	30-12	0.050-3.3	CU	2	5-7	0.56-0.79	300	20	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK3N	28-12	0.081-3.3	CU	2	5-7	0.56-0.79	300	20	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK5N	30-10	0.050-5.3	CU	2	5-7	0.56-0.79	600	30	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK5-Twin	30-10	0.050-5.3	CU	2	5-7	0.56-0.79	150	30	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK6N	26-8	0.129-8.4	CU	2	15	1.47-1.81	600	50	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK10N	24-6	0.205-13.3	CU	2	11-20	1.24-2.26	600	65	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK16N	22-4	0.324-21.2	CU	2	18-20	2.03-2.26	600	85	2(-20°C to 85°C), 4, 6, 9, ##, ###
UK35	18-1/0	0.82-53.5	CU	2	30-50	3.39-5.65	600	150	2(-20°C to 85°C), 4, 6, 9, ##, ###
G5/ 3	26-10	0.2-4.0	Cu	2	5-7	0.6-0.8	300	30	2(-60°C to 110°C), 4, 6, 9, ##, ###
G5/ 5	26-10	0.2-4.0	Cu	2	5-7	0.6-0.8	300	30	2(-60°C to 110°C), 4, 6, 9, ##, ###
G5/ 6	26-10	0.2-4.0	Cu	2	5-7	0.6-0.8	300	30	2(-60°C to 110°C), 4, 6, 9, ##, ###
G5/ 12	26-10	0.2-4.0	Cu	2	5-7	0.6-0.8	300	30	2(-60°C to 110°C), 4, 6, 9, ##, ###

CA No. 9

Model	Voltage (V)	Clearance (mm)	Creepage (mm)
UK2.5N	300	6.0	6.6
UK3N	300	6.0	6.6
UK5N	600	10	12
UK5-Twin	150	3.2	3.2
UK6N	600	10	12
UK10N	600	10	12
UK16N	600	10	12
UK35	600	10	12
G5/ 3	300	6.0	6.3
G5/ 5	300	6.0	6.3

G5/ 6	300	6.0	6.3
G5/ 12	300	6.0	6.3

- A temperature measurement test on the complete apparatus shall confirm the suitability of the terminals in the end-use application.

- When used in connection and junction boxes, the Defined Arrangement Method shall be used.

Cat. No.	Wire Range	Wire Type	FW	V	A	CA
GKDS-EX	30-14	CU	2	160	15	#2(105),4
USLKG1.5N	30-14	CU	2	—	—	#2 (-60°C to 110°C)
USLKG2.5N	30-12	CU	2	—	—	#2 (-60°C to 110°C)
USLKG3	28-12	CU	2	—	—	#2 (-60°C to 110°C)
USLKG5	26-10	CU	2	—	—	#2 (-60°C to 110°C)
USLKG6N	26-8	CU	2	—	—	#2 (-60°C to 110°C)
USLKG10N	24-6	CU	2	—	—	#2 (-60°C to 110°C)
USLKG16N	22-4	CU	2	—	—	#2 (-60°C to 110°C)
USLKG35	18-1/0	CU	2	—	—	#2 (-60°C to 110°C)
USLKG50	6-1/0	CU	2	—	—	#2 (-60°C to 110°C)
USLKG95	2-4/0	CU	2	—	—	#2 (-60°C to 110°C)
UKH 50	6-1/0	CU	2	600	150	#2 (-60°C to 110°C)
UKH 50IB	6-1/0	CU	2	600	150	#2 (-60°C to 110°C)
UKH 70	6-3/0	CU	2	880	192	#2 (-60°C to 110°C), 4, 6
UKH 70 PE/S	4-2/0	CU	2	600	n/a	#2 (-60°C to 110°C), 4, 6
UKH 95	2-4/0	CU	2	600	230	#2 (-60°C to 110°C), 4, 6
UKH 150	2-300 MCM	CU	2	600	285	#2 (-60°C to 110°C), 4, 6
UKH 240	2/0-500 MCM	CU	2	600	380	#2 (-60°C to 110°C), 4, 6
AGK10-UKH 50	24-6	CU	2	600	65	#2 (-60°C to 110°C), 4, 6
AGK10-UKH 95	24-6	CU	2	600	65	#2 (-60°C to 110°C), 4, 6
AGK10-UKH 150/240	24-6	CU	2	600	65	#2 (-60°C to 110°C), 4, 6
UT 2.5	26-12	CU	2	600	20	#2 (-60°C to 110°C), 4, 6
UT 2.5-PE	26-12	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 2.5-TWIN	26-12	CU	2	600	20	#2 (-60°C to 110°C), 4, 6
UT 2.5-TWIN-PE	26-12	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 2.5-QUATTRO	26-12	CU	2	600	20	#2 (-60°C to 110°C), 4, 6
UT 2.5-QUATTRO-PE	26-12	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UTTB 2.5	26-12	CU	2	300	20	#2 (-60°C to 110°C), 4, 6
UTTB 2.5-PE	26-12	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UTTB 2.5-PV	26-12	CU	2	300	20	#2 (-60°C to 110°C), 4, 6
UT 4	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
UT 4-PE	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 4-TWIN	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
UT 4-TWIN-PE	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 4-QUATTRO	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
UT 4-QUATTRO-PE	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT4-MTD	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
UT4-MTD-PE	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT4-MTD-PE/S	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6

UTTB 4	26-10	CU	2	300	30	#2 (-60°C to 110°C), 4, 6
UTTB 4-PE	26-10	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UTTB 4-PV	26-10	CU	2	300	30	#2 (-60°C to 110°C), 4, 6
UT 6	24-8	CU	2	600	50	#2 (-60°C to 110°C), 4, 6
UT 6-PE	24-8	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 10	20-6	CU	2	600	65	#2 (-60°C to 110°C), 4, 6
UT 10PE	20-6	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
UT 16	16-4	CU	2	600	85	#2 (-60°C to 110°C), 4, 6
UT 16-PE	16-4	CU	2	N/A	N/A	#2 (-60°C to 110°C), 4, 6
AGK4-UT10	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
AGK4-UT16	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6
AGK4-UT35	26-10	CU	2	600	30	#2 (-60°C to 110°C), 4, 6

Note: May be rated 250 V when used with the partition plate, spacer, or flange plate tht is described in the file.

Cat. No.	Wire Range	Wire Type	FW	V	A	CA
PT 2.5	26-12	CU	2	550	20	#2(-60°C to 110°C), 6, 9
PT 2.5 PE	26-12	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 2.5-TWIN	26-12	CU	2	550	20	#2(-60°C to 110°C), 6, 9
PT 2.5-TWIN-PE	26-12	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 2.5-QUATTRO	26-12	CU	2	550	20	#2(-60°C to 110°C), 6, 9
PT 2.5-QUATTRO-PE	26-12	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 4	24-10	CU	2	550	30	#2(-60°C to 110°C), 6, 9
PT 4-PE	24-10	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 4-TWIN	24-10	CU	2	550	30	#2(-60°C to 110°C), 6, 9
PT 4-TWIN-PE	24-10	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 4-QUATTRO	24-10	CU	2	550	30	#2(-60°C to 110°C), 6, 9
PT 4-QUATTRO-PE	24-10	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 6	20-8	CU	2	550	40	#2(-60°C to 110°C), 6, 9
PT 6-PE	20-8	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 6-TWIN	20-8	CU	2	550	40	#2(-60°C to 110°C), 6, 9
PT 6-TWIN-PE	20-8	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 6-QUATTRO	20-8	CU	2	550	40	#2(-60°C to 110°C), 6, 9
PT 6-QUATTRO-PE	20-8	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 10	20-6	CU	2	550	60	#2(-60°C to 110°C), 6, 9
PT 10-PE	20-6	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 10-TWIN	20-6	CU	2	550	60	#2(-60°C to 110°C), 6, 9
PT 10-TWIN-PE	20-6	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9
PT 16 N	20-4	CU	2	550	85	#2(-60°C to 110°C), 6, 9
AKG4 BK-EX	12-22	CU	2	300	20	#2(-60°C to 110°C), 6, 9
AKG BU-EX	12-22	CU	2	300	20	#2(-60°C to 110°C), 6, 9
AKG 4 GNYE-EX	12-22	CU	2	N/A	N/A	#2(-60°C to 110°C), 6, 9

#Unique Conditions of Acceptability - i.e. The need for overload protection of the wiring shall be considered in the end product.

CA No. 9

Model	Voltage (V)	Clearance (mm)	Creepage (mm)
See above table for matching voltage	600	10	12

See above table for matching voltage	550 (max.)	8	10
See above table for matching voltage	300	6	6.3
See above table for matching voltage	880 (max)	12	16

Class I, Zone 2, Ex nA IIC Gc.

Cat. No.	Wire Range (AWG)	Wire Range (mm ²)	Wire Type	FW	TQ (Lb In.)	TQ (Nm)	V	A	CA
UT 4-MT-EX	26-10(1)	—	Cu	2	5-7	—	500	16	2(105),4
UT 4-MT-P/P-EX	26-10(1)	—	Cu	2	5-7	—	250	16	2(105),4
UT 4-TG(-P/P)-EX	26-10	—	Cu	2	5-7	—	250	6.3	2(105),4
UT 6-TG-EX	24-8(2)	—	Cu	2	13-15	—	250	6.3	2(105),4
UT 4-L/HESI w/wo LED 24, LED 60, LED 250 f/b (5x20)	(upper) 26-10	—	Cu	2	5-7	—	300	16	—
	(middle) 26-10	—	Cu	2	5-7	—	300	20	—
UT 4-PE/L/HESI w/wo LED 24, LED 60, LED 250 f/b (5x20)	(upper) 26-10	—	Cu	2	5-7	—	300	16	—
	(middle) 26-10	—	Cu	2	5-7	—	300	20	—
	(lower)26-10	—	Cu	2	5-7	—	N/A Gnd	N/A Gnd	—
UT 4-PE/L/MT, UT 4-PE/L/HEDI, UT 4-PE/L/TG(3)	(upper)26-10(1)	—	Cu	2	5-7	—	300	16	2(130), 4, 6
	(middle)26-10(1)	—	Cu	2	5-7	—	300	20	
	(lower)26-10(1)	—	Cu	2	5-7	—	N/A Gnd	N/A Gnd	
UT 4-PE/L/L, UT 4-PE/L/N	(upper)26-10(1)	—	Cu	2	5-7	—	300	16	2(130), 4, 6
	(middle)26-10(1)	—	Cu	2	5-7	—	300	20	
	(lower)26-10(1)	—	Cu	2	5-7	—	N/A Gnd	N/A Gnd	
UT 4-L	26-10(1	—	Cu	2	5-7	—	300	20	2(130), 4, 6
UT 4-L/L	(upper)26-10(1)	—	Cu	2	5-7	—	300	16	2(130), 4, 6
	(middle)26-10(1)	—	Cu	2	5-7	—	300	20	
UT 4-L/HEDI	(upper)26-10(1)	—	Cu	2	5-7	—	300	16	2(130), 4, 6
	(middle)26-10(1)	—	Cu	2	5-7	—	300	20	
Note: (1) Additional multiple wire combination rating of two No. 16-26 AWG Cu. stranded wires (same size only) for field and factory wiring.									
Note: (2) Additional multiple wire combination rating of two No. 12-24 AWG Cu. stranded wires (same size only) for field and factory wiring.									
Note: (3) Optional accessories for Type UT 4 with suffix -TG and -PE/L/TG: P-FU 5X20-EX, P-FU 5X20 LED 24-EX, P-FU 5X20 LED 60-EX or P-FU 5X20 LA 250-EX and P-DI.									



Marking: Company name, catalog designation and the Recognized Component Mark for Canada (catalog designation may appear on shipping carton.)

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