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Switches, Appliance and Special Use - Component

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Switches, Appliance and Special Use - Component

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ZHEJIANG ZHONGXUN ELECTRONICS CO LTD
XIXI INDUSTRIAL ZONE
HONGQIAO
YUEQING, ZHEJIANG 325608 CHINA

E203463

Investigated to ANSI/UL 61058-1

						Pol/	Endurance					
Cat. No.	Load	Amps	Volts	Hz	Temp (°C)	Thr/ Cir	30C cycle	55C cycle	IP	Dis (mm)	SPCA	Std. Ed.
Appliance and special use switches												
KW11-3Z, f/b -51, or -52, f/b A, f/b A, B, C, D, E, F or G, f/b 00 thru 99												
	R	5	250	50-60	125	1/1-1.2	6K	50K	40	micro	12A, 12B, 12C	2009-08-10
KW11-3Z, f/b -53, f/b A, f/b A, B, C, D, E, F or G, f/b 00-99												
	R	5	250	50-60	125	1/2-2.3	6K	50K	40	micro	12A, 12B, 12C	2009-08-10
KW11-3Z-8, f/b 1 or 2, f/b A or B, f/b any numbers from 00 to 99												
	R	5	250	50-60	85	1/1-1.2	6K	50K	00	micro	12D, 12E, 12F	2009
KW11-3Z-8, f/b 3, f/b A or B, f/b any numbers from 00 to 99												
	R	5	250	50-60	85	1/2-2.3	6K	50K	00	micro	12D, 12E, 12F	2009
KW11-7, f/b -1, f/b 1or 2, f/b AA, f/b 00 thru99, f/b A												
	R	1	250	50-60	T105	1/1-1.2	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7, f/b -1, f/b 1or 2, f/b AA, f/b 00 thru99, f/b B												
	R	3	250	50-60	T105	1/1-1.2	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7, f/b -1, f/b 1or 2, f/b AA, f/b 00 thru99, f/b C												
	R	5	250	50-60	T105	1/1-1.2	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7, f/b -1, f/b 3, f/b AA, f/b 00 thru99, f/b A												
	R	1	250	50-60	105	1/2-2.3	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7, f/b -1, f/b 3, f/b AA, f/b 00 thru99, f/b B												
	R	3	250	50-60	105	1/2-2.3	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7, f/b -1, f/b 3, f/b AA, f/b 00 thru99, f/b C												
	R	5	250	50-60	105	1/2-2.3	6K	10K	40	micro	7A, 7B	2009-08-10
KW11-7-8, f/b 1, 2 or 3, f/b AC, f/b 00 thru. 99												
	RM	16(8)	250	50-60	85	2/2-1.3	6K	50K	00	micro	11A,11B,11C	2009-08-10
	hp	3/4	125	50-60	85	2/2-1.3	6K	50K	00			
KFC-18 f/b -1 thru -3; f/b A, B or C; f/b 1 thru 4												
	R	1	30	DC	200	2/2-2.5	6K	100K	--	full 2.4	16A	2005-09-30
	R	2	250	50-60	200	2/2-2.5	6K	100K	--			
	R	3	125	50-60	200	2/2-2.5	6K	100K	--			
	hp	1/10	125	50-60	200	2/2-2.5	6K	100K	--			

	hp	1/10	250	50-60	200	2/2-2.5	6K	100K	--			
A1, MR-2												
	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	50K	00	full 2.6	15A,15B,15C	2005-09-30
A1-1	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	50K	00	full 2.38	15A,15B,15C	2005-09-30
KCD1-104-2												
	R	10	250	50-60	105	2/1-1.3	6K	10K	40	full	2A, 2B, 8A	2009-08-10
KCD1-104-2, f/b -201N												
	R	10	250	50-60	105	2/1-1.3	6K	10K	40	full	2A, 2B, 2C, 8A	2009-08-10
KCD1-106, f/b blank or A, f/b -103, f/b O, f/b 1, 2 or 3												
	RM	10(6)	250	50-60	T105/55	1/2-3.3	6K	10K	40	full 2.1	5A	2005-09-30
KCD1-106, f/b blank, A, C, E or F, f/b -101 f/b N or O, f/b 1, 2, 3, or 4												
	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	10K	40	full 2.1	2, 5A	2005-09-30
KCD1-106, f/b blank, A, C, E or F, f/b -102, f/b O, f/b 1, 2, 3, or 4												
	RM	10(6)	250	50-60	T105/55	1/2-2.3	6K	10K	40	full 1.7	5A	2005-09-30
KCD1-115, f/b -101, f/b N2												
	R	10	250	50-60	T125/55	1/1-1.2	6K	10K	40	full 3.06	2, 3, 13a, 13b, 13c	2009
KCD1-115, f/b -101, f/b O, f/b 1 or 2												
	R	10	250	50-60	T125/55	1/1-1.2	6K	10K	40	full 3.06	3, 13a, 13b, 13c	2009
KCD1-115, f/b -102, f/b O, f/b 1 or 2												
	R	10	250	50-60	T125/55	1/2-2.3	6K	10K	40	full 2.79	3, 13a, 13b, 13c	2009
KCD1-115, f/b -103, f/b O1												
	R	10	250	50-60	T125/55	1/2-3.3	6K	10K	40	micro	3, 13a, 13b, 13c	2009
KCD1-B2, F/B -102, f/b O or blank, f/b 1 or blank												
	RM	10(6)	250	50-60	T105/55	1/2-2.3	6K	10K	40	full 2.97	-	2005-09-30
KCD1-B2, F/B -103, f/b O or blank, f/b 1 or blank												
	RM	10(6)	250	50-60	T105/55	1/1-3.3	6K	10K	40	full 1.56	-	2005-09-30
KCD1-B2, ww/o -101, f/b N, O or blank, f/b 1, 2 or blank.												
	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	10K	40	full 2.59	2	2005-09-30
KCD1-B3, f/b -101												
	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	10K	40	full 1.99	-	4th
KCD1-B3, f/b -102												
	RM	10(6)	250	50-60	T105/55	1/2-2.3	6K	10K	40	full 1.99	-	4th
KCD1-B4												
	RM	10(6)	250	50-60	T105/55	1/1-1.2	6K	10K	40	full 1.88	6A,6B	2009-08-10
KCD3, f/b -101, f/b N or O, f/b A, B, C, D or E, f/b 1 or 2												
	R	16	250	50-60	105	1/1-1.2	6K	10K	40	full 3.0	2A,2B,2C,2D	2005-09-30
KCD3, f/b -102, f/b O, f/b A, B, C, D or E, f/b 1 or 2												
	R	16	250	50-60	105	1/2-2.3	6K	10K	40	full 3.0	2A,2B,2C,2D	2005-09-30
KCD3, f/b -103, f/b O, f/b A, B, C, D or E, f/b 1 or 2												
	R	16	250	50-60	105	1/2-3.3	6K	10K	40	full 1.6	2A,2B,2C,2D	2005-09-30
KCD3, f/b -201, f/b N or O, f/b A, B, C, D or E, f/b 1 or 2												
	R	16	250	50-60	105	2/1-1.2	6K	10K	40	full 3.0	2A,2B,2C,2D	2005-09-30
KCD3, f/b -202, f/b O, f/b A, B, C, D or E, f/b 1 or 2												
	R	16	250	50-60	105	2/2-2.3	6K	10K	40	full 3.0	2A,2B,2C,2D	2005-09-30
KCD4,f/b -201, f/b N or O, f/b A or C, f/b blank, 1 or 2												
	R	16	250	50-60	T105/55	2/1-1.3	6K	10K	40	full 3.78	2, 14A, 14B, 14C	2009-08-10

KCD4,f/b -202, f/b O, f/b A or C, f/b blank, 1 or 2												
	R	16	250	50-60	T105/55	2/2-2.5	6K	10K	40	full 1.56	14A, 14B, 14C	2009-08-10
KCD4-1, f/b -203, f/b OC, f/b 1 or 2												
	R	16	250	50-60	T105/55	2/2-3.5	6K	10K	40	micro	14A, 14B, 14C	2009-08-10
KCD4-1,f/b -201, f/b OC, f/b blank, 1 or 2												
	R	16	250	50-60	T105/55	2/1-1.3	6K	10K	40	full 3.78	14A, 14B, 14C, 14D	2009-08-10
KCD4-1,f/b -202, f/b OC, f/b blank, 1 or 2												
	R	16	250	50-60	T105/55	2/2-2.5	6K	10K	40	full 1.56	14A, 14B, 14C, 14D	2009-08-10
AK-03, f/b 01, 10, 11 or 13, f/b 30, f/b A or B												
	R	16	250	50-60	105	2/1-1.4	6K	10K	00	full 1.79	9A, 9B, 9C, 9D, 9E, 9F	2009-08-10
	R	16	250	50-60	105	2/M-1.4	6K	10K	00			
AK-03, f/b 02, 03, 04 or 12, f/b 30, f/b A or B												
	R	16	250	50-60	105	1/1-1.2	6K	10K	00	full 1.79	9A, 9B, 9C, 9D, 9E, 9F	2009-08-10
	R	16	250	50-60	105	1/M-1.2	6K	10K	00			
AK-03, f/b 05 or 06, f/b 60, f/b A or B												
	R	16	250	50-60	105	2/1-1.4	6K	10K	00	full 1.79	9A, 9B, 9C, 9D, 9E, 9F	2009-08-10
	R	16	250	50-60	105	2/M-1.4	6K	10K	00			
AK-03, f/b 0945, f/b A or B												
	R	16	250	50-60	105	2/1-1.4	6K	10K	00	full 1.79	9A, 9B, 9C, 9D, 9E, 9F	2009-08-10
	R	16	250	50-60	105	2/M-1.4	6K	10K	00			
PBS-110 f/b -E, -EA, -H, -L, or -M, f/b 1 or 2												
	R	8	250	50-60	85	2/M-1.4	6K	10K	00	full 3.95	1A, 1B	2005-09-30
AK-03, f/b 07, f/b 30 or 90, f/b A or B												
	R	16	250	50-60	105	1/1-1.2	6K	10K	00	full 1.79	9A, 9B, 9C, 9D, 9E, 9F	2009-08-10
	R	16	250	50-60	105	1/M-1.2	6K	10K	00			

Marking: Company name or trademark . , catalog, model or part number, electrical ratings and Recognized Component Mark, on the product or on the smallest unit container in which the product is packaged.

Investigated to ANSI/UL 1054

Cat. No.	Amps	Volts	Hz	Load	Endur-ance	Temp C	POL/THR	Per Pole/Circuit Code	SPCOA
A1, A1-1	10	250	60	1/2hp	50K	105	1/1	-/A	-
	10	125	60	1/3hp	50K				
AK-03, f/b 01, 10, 11, 13, f/b 30, f/b A or B									
	16	250	50/60	R	10K	125	2/M	PP/A	9A, 9B
AK-03, f/b 02, 03, 04, f/b 30, f/b A or B									
	16	250	50/60	R	10K	125	1/1	-/A	9A, 9B
AK-03, f/b 05 or 06, f/b 60, f/b A or B									
	16	250	50/60	R	10K	125	2/M	PP/A	9A, 9B
AK-03, f/b 12, f/b 30, f/b A or B									
	16	250	50/60	R	10K	125	1/2	-/A	9A, 9B
AK-0307, f/b 30 or 90, f/b A or B									
	16	250	50/60	R	10K	125	1/2	-/A	9A, 9B
AK-030945, f/b A or B									
	16	250	50/60	R	10K	125	2/1	PP/A	9A, 9B
AK-04B	16	125	60	GP	10K	85	1/1	-/-	-

	16	250	60	GP	10K				
KCD1	10	125	60	GP	6K	85	2/2	-/B	-
	6	250	60	GP	6K				
KCD1-103	6	250	60	GP	6K	85	1/1	-/-	-
	10	125	60	GP	6K				
KCD1-104-2	6	250	50/60	GP	6K	85	2/1	-/B	-
	10	125	50/60	GP	6K				
KCD1-106	6	250	60	GP	6K	50	1/1	-/-	-
	10	125	60	GP	6K				
KCD1-106C f/b -101 or -102									
	10	125	60	GP	10K	105	1/M	-/-	-
	10	250	60	GP	10K				
KCD1-110, KCD1-104									
	10	125	60	GP	6K	85	2/1	-/-	-
	6	250	60	GP	6K				
KCD1-B2	15	125	60	1/3hp	10K	85	1/1	-/-	-
	10	250	60	1/2hp	10K				
KCD1-B3, f/b -1101, -1102 or -1103									
	10	125	-	GP	6K	-	-	-/-	-
KCD1-B3, KCD1-A, KCD1-B3(FW)									
	6	250	60	GP	6K	85	1/2	-/A	-
	10	125	60	GP	6K				
	5	240	60	TV	6K				
KCD1-B3-1 f/b 101, 102 or 103									
	10-6	125-250	50	GP	6K	85	1/1	-/A	--
KCD1-B4	6	250	60	GP	6K	50	1/1	-/-	-
	10	125	60	GP	6K				
KCD11	3	250	60	GP	6K	50	1/1	-/-	-
	6	125	60	GP	6K				
KCD3	10	250	60	GP	6K	65	1/1	-/A	Notes 2, 3
	15	125	60	GP	6K				
KCD3-3	3	250	60	GP	6K	85	1/1	-/-	-
	6	125	60	GP	6K				
KCD3-C4	16	250	60	3/4hp	6K	50	1/1	-/-	-
	20	125	60	1/3hp	6K				
KCD4	10	250	60	GP	6K	50	2/1	PP/-	2, 3
	15	125	60	GP	6K				
KCD4 f/b -JK or -JKB; f/b -201, -202 or -204; f/b 1 or 3; f/b A1 or C1									
	10	250	50/60	GP	6K	80	2/M	-/B	-
	15	125	50/60	GP	6K				
KCD4 f/b -JK or -JKB; f/b -201, -202 or -204; f/b 1 or 3; f/b A2 or C2									
	10	250	50/60	GP	6K	80	2/M	-/B	-
	16	125	50/60	GP	6K				
	-	125	50/60	3/4hp	6K				
	-	250	50/60	3/4hp	6K				
KCD4 f/b -JK or -JKB; f/b -2012, -2022 or -2042; f/b A1 or C1									

	10	250	50/60	GP	6K	80	2/M	-/B	2
	15	125	50/60	GP	6K				
KCD4 f/b -JK or -JKB; f/b -2012, -2022 or -2042; f/b A2 or C2									
	10	250	50/60	GP	6K	80	2/M	-/B	2
	16	125	50/60	GP	6K				
	-	125	50/60	3/4hp	6K				
	-	250	50/60	3/4hp	6K				
KCD4-1,KCD4-1A									
	15	125	60	1/2hp	6K	85	2/1	-/-	-
	10	250	60	3/4hp	6K				
KCD4-1-201	10	250	60	3/4hp	6K	85	2/1	-/B	-
	15	125	60	1/2hp	6K				
KCD4-16, KCD4-16A									
	16	250	60	GP	6K	50	2/1	-/-	-
	20	125	60	GP	6K				
KCD4-2	15	125	50	GP	6K	65	2/2	-/-	-
	10	250	50	GP	6K				
KCD4; f/b -201, -202 or -204; f/b 1 or 3; f/b A1 or C1									
	10	250	60	GP	6K	80	2/M	-/B	3
	15	125	60	GP	6K				
KCD4; f/b -201, -202 or -204; f/b 1 or 3; f/b A2 or C2									
	10	250	50/60	GP	6K	80	2/M	-/B	3
	16	125	50/60	GP	6K				
	-	125	50/60	3/4hp	6K				
	-	250	50/60	3/4hp	6K				
KCD4; f/b -2012, -2022 or -2042; f/b A1 or C1									
	10	250	50/60	GP	6K	80	2/M	-/B	2, 3
	15	125	50/60	GP	6K				
KCD4; f/b -2012, -2022 or -2042; f/b A2 or C2									
	10	250	50/60	GP	6K	80	2/M	-/B	2, 3
	16	125	50/60	GP	6K				
	-	125	50/60	3/4hp	6K				
	-	250	50/60	3/4hp	6K				
KDZ-2	1.5	125	60	GP	6K	55	1/1	-/-	-
	10	30	DC	-	6K				
KFC-09	16	125	60	1/2hp	6K	125	2/1	-/-	-
	10	250	60	3/4hp	6K				
KFC-18 f/b -1 thru -3; f/b A, B or C; f/b 1 thru 4									
	1	30	DC	-	100K	200	1/1 OR 1/2	-/A	-
	2	250	60	GP	100K				
	3	125	60	GP	100K				
	-	125	60	1/10hp	100K				
	-	250	60	1/10hp	100K				
KW11-3Z f/b (1) or (2), f/b Blank, NO or NC									
	5	250	50/60	GP	6K	125	1/2	-/A	-
	5	125	50/60	GP	6K				

KW11-3Z f/b Blank, NO or NC, f/b Blank, A, B, C, D, E or H									
	5	125	50/60	GP	6K	125	1/2	-/A	-
	5	250	50/60	GP	6K				
	-	-	-	GP	-				
KW11-3Z f/b Blank, NO or NC, f/b Blank, A, B, C, D, E or H*									
	1	80	DC	-	10K	55	1/2	-/A	-
KW11-3Z-5	10	125	60	GP	50K	125	1/2	-/-	-
	10	250	60	GP	50K				
KW11-7	10	250	60	GP	10K	50	1/1 or 1/2	-/A	-
	10	125	60	GP	10K				
KW11-7-1	15	250	60	GP	6K	125	1/1 OR 1/2	-/A	-
	15	125	60	GP	6K				
	-	250	60	1/2hp	6K				
	-	125	60	1/3hp	6K				
KW11-7-2	15	125	60	GP	6K	130	1/1 OR 1/2	-/A	-
	15	250	60	GP	6K				
	-	125	60	1/2hp	6K				
	-	250	60	1/2hp	6K				
KW11-7-3 f/b -1, -2 or -3 f/b A, B, C or D									
	1	30	DC	-	100K	150	1/1 OR 1/2	-/A	-
	10	125	60	GP	100K				
	10	250	60	GP	100K				
	-	125	60	1/2hp	100K				
	-	250	60	1/2hp	100K				
KW11-7-3, KW11-7-3A, KW11-7-3B									
	15	125	60	GP	6K	150	1/1 OR 1/2	-/A	-
	15	250	60	GP	6K				
	-	125	60	1/2hp	6K				
	-	250	60	1/2hp	6K				
MR-2	10	125	-	GP	6K	50	1/1	-/-	-
PBS-03	16	125	60	1/2hp	6K	105	1/1	-/-	-
	8	250	60	1/2hp	6K				
PBS-103	1	250	60	GP	10K	85	1/1	-/-	-
	3	125	60	GP	10K				
PBS-110-C	3	250	60	GP	6K	85	2/1	PP/-	-
	6	125	60	GP	6K				
PBS-110-E	3	125	50	GP	6K	65	2/2	-/-	-
	2	250	50	GP	6K				
PBS-110-f/b I, J, or K									
	16	125	60	R	6K	85	1/2	PP/-	-
	8	250	60	R	6K				
	6	250	60	GP	6K				
	10	125	60	GP	6K				
YB102	2	250	60	GP	6K	85	1/2	PP/-	-
	5	125	60	GP	6K				
YB202	2	250	60	GP	6K	85	2/2	PP/-	-

5	125	60	GP	6K

3 - N/A

Note 15A - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

Note 15B - The terminals have been evaluated for prepared flexible and rigid conductor sized 1.0 mm2.

Note 15C - The terminals provided have been evaluated as Quick-Connect terminals and solder connection.

Note 16A - The terminals have been evaluated for prepared flexible and rigid conductor sized 0.5 mm2.

Note 1A - Tested for 100000 cycles at 1-A, 30 Vdc for maximum end use temperature of 85 C.

Note 2 - These are lighted switches employing a lamp. The lamp life should be evaluated when required by the end-use product Standard.

Note 3 - The switch has openings in the housing adjacent to arcing parts. The end-use application may involve environments (such as excessive dust or adjacent combustible material) that would exclude an opening in the switch housing.

Note 9A - For output terminals 1, 2, 3, and 4, the maximum rating evaluated is 16 A, 250 V ac each. For input terminals A and B, which supplies two output terminals, the maximum rating shall not exceed 16A, 250 V ac. See Ill. 4 for further details.

Note 9B - Switches employing function code "01, 05, 06, 09, 10, 11 and 13" are double-pole switch. The maximum current through Pole A and Pole B is 16 A at 250 V ac each, both poles are capable of switching the rated current simultaneously as per-pole switches.

^Note 11A - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 11B - UL61058-1 - The terminals have been evaluated for prepared flexible and rigid conductor sized 2.5 mm2

^Note 11C - UL61058-1 - The terminals provided have been evaluated as Quick-Connect terminals and solder connection

^Note 12A - UL61058-1 - The switch Series Models KW11-3Z employ Solder types of terminals. The terminals have been evaluated for use with the prepared flexible stranded and rigid solid conductors of specified sizes 0.75 mm2 for max. 5 A.

^Note 12B - UL61058-1 - The switch is considered as no accessible part to end product user.

^Note 12C - UL61058-1 - The spacing between any terminals and the adjacent mounting surface shall be judged using the spacing requirements in the end-product standard.

^Note 12D - UL61058-1 - The switch Series KW11-3Z-8 employ Solder types of terminals. The terminals have been evaluated for use 0.5 mm2 - 1.0 mm2 stranded conductors for 5 A. The temperature test were conducted at the size 0.75 mm2 stranded conductors on quick connect terminals.

^Note 12E - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 12F - UL61058-1 - No User accessible parts. IP and electric shock are not conducted, the acceptability should be determined by end product.

^Note 13a - UL61058-1 - The heating test was conducted at the size of 1.0 mm2.

^Note 13b - UL61058-1 - Model KCD1-115-103O1 employ quick-connect type of terminal size of 4.8 mm by 0.6 mm thick that's only investigated by Solder type of terminal.

^Note 13c - UL61058-1 - Only the Rocker is considered accessible parts. The remainder of the switch is installed inside the end product.

^Note 14A - UL61058-1 - When mounted in accordance with the manufactures instruction, this switch gets a protection degree of IP 40.

^Note 14B - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 14C - UL61058-1 - Only the Rocker is considered accessible parts. The remainder of the switch is installed inside the end product.

^Note 1A - UL61058-1 - When mounted in accordance with the manufactures instruction, this switch get a protection degree of IP00.

^Note 1B - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 1C - Blank

^Note 2A - UL61058-1 - When mounted in accordance with the manufactures instruction, this switch gets a protection degree of IP40.

^Note 2B - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced

or Double Insulation over the front and rear switch enclosure Surfaces.^N

^Note 2C - UL61058-1 - These are lighted switches employing a lamp. The usable lamp life has not been evaluated.

^Note 2D - UL61058-1 - Heating test was conducted at ambient temperature of 105.2 degC with measured temperature of 121.2 degC on terminals, the suitability of wire conductors using on the switches terminals shall bedetermined in end-product applications.

^Note 4A - UL61058-1 - Heating test was conducted at ambient temperature of 105.2 degC with measured temperature of 121.2 degC on terminals, the suitability of wire conductors using on the switches terminals shall bedetermined in end-product applications.

^Note 5A - UL61058-1 - For models employ Default Base type, the inaccessible switch body surface was evaluated as Basic Insulation under intended mounting. Supplementary insulation shall be provided where Double Insulation is required.

^Note 5B - UL61058-1 - Only the Lamp Cover/Actuator is considered accessible parts. The remainder of the switch is installed inside the end product.

^Note 6A - UL61058-1 - These terminals employed have be evaluated for solder use only.

^Note 6B - UL61058-1 - Only the Actuator is considered accessible parts. The remainder of the switch is installed inside the end product.

^Note 7A - UL61058-1 - The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 7B - UL61058-1 - When mounted in accordance with the manufactures instruction, this switch gets a protection degree of IP 40.

^Note 8A - UL61058-1 - The entire switches were conducted in the oven on Heating test, Model KCD1-104-2 was conducted at ambient temperature of 105.8 deg C with measured max. temperature of 118.9 deg C on terminals; on Model KCD1-104-2-201N was conducted at ambient temperature of 108.14 deg C with measured max. temperature of 119.68 deg C on terminals, the suitability of wire conductors using on the switches terminals shall be determined in end-product applications.

^Note 9A - UL61058-1 - For output terminals 1, 2, 3, and 4, the max. current rating evaluated is 16A, 250 Vac each. For input terminals A and B, the max current rating evaluated is 16A, 250 Vac each. See Ill. 2 for further details.

^Note 9B - UL61058-1 - Switches employing function code "01, 05, 06, 09, 10, 11 and 13" are double pole switch. The maximum current through Terminal A and B is 16 A at 250 V ac. See Ill. 4 for further details.

^Note 9C - UL61058-1 - The terminals provided have been evaluated as Quick-Connect terminals and solder connection.

^Note 9D - UL61058-1 - No user accessible parts for the switches. The switch is to be employed in an end use product providing an enclosure or insulating barrier that provides Reinforced or Double Insulation over the front and rear switch enclosure Surfaces.

^Note 9E - UL61058-1 - The terminals have been evaluated for use 1.0 mm2 - 2.5 mm2 stranded conductors for 16 A; 1.5 mm2 - 4.0 mm2 solid conductors for 16 A. The temperature test were conducted at the size 1.5 mm2 stranded conductors on quick connect terminals.

^Note 9F - UL61058-1 - During Other Parts of Heating Test for model AK-031030A, the maximum temperature measured of terminals was 143.4 C at 105 C ambient. The acceptability of this temperature shall be determined in the end-use product.

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