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REPORT

On

COMPONENT - SWITCHES, APPLIANCE AND SPECIAL USE

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Tainan Taiwan

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component, Appliance Switches: (Rocker Switch)

Model	Load	Amp	Volt	Hz	Temp C	Pol/ Thr/ Cir	IP	DIS (mm)	Endurance		SPCA	ed
									30C	55C		
*R13-112, f/b A, A2, A2B , A5, A6, AP, B, BP, B2, BW, B2W, B9, BF , B2F , BPW, BPF , L2, L3, BFW, B2FW, B9F, L2F, L3F, E, E2 , E2B , E5, E6, EP , F, F2 , F2B , F5, F6, FP , L, LF or LP, f/b -02, -05, -09 or -12	RM	10R(4)	125/ 250	50/ 60	T85/ 55 or T85	1/1 2.2	40	FULL 2 for A, B, C, E, L; FULL 1.5 for F	6E3	1E4	2A 2B 2C 2D	2009- 08-10
*R13-112, f/b C, C5, C6, CP, D, D5, D6, DP, G, G5, G6, GP , H, H5, H6, HP, I, I5, I6 or IP f/b -02, -05, -09 or -12	RM	10R(4)	125/ 250	50/ 60	T85/ 55 or T85	1/2 3.2	40	FULL 2 for C; FULL 1.5 for D, G, H, I	6E3	1E4	2A 2B 2C 2D	2009- 08-10
R13-112 f/b A8, B8 , B8F, B8W, E8 or F8, f/b 02, 05, 09 or 12.	RM	10R(4)	125/ 250	50/ 60	T85/ 55 or T85	1/1 2.2	65	FULL 2 for A, B; FULL 1.5 for F	6E3	1E4	2A 2B 2C 2D	2009- 08-10
R13-112 f/b C8, D8, G8 , H8 or I8 f/b 02, 05, 09 or 12.	RM	10R(4)	125/ 250	50/ 60	T85/ 55 or T85	1/2 3.2	65	FULL 2 for C; FULL 1.5 for D	6E3	1E4	2A 2B 2C 2D	2009- 08-10

Note: See ILL. 1 for nomenclature and Terminal ID and ILL. 2 for detail Air gap.

EXPLANATION OF COLUMN HEADINGS

- Model - Cat. No. - Identifier used by the manufacturer for a specific switch Model or Catalog number.
- f/b - followed by, ww/o - With or without,
- Load - identify the load according the Testing. R= resistive, RM= resistive and motor, RC= resistive and capacitive, L=tungsten lamp load, Spc= specific load, mA =load below 20mA, SpcL, SpcT = specific lamp load such as US L or T, I= inductive, SpcM= specific motor rating, Rhp= resistive and horse power, TV= television, GP= general purpose, GPM= general purpose and motor, GPhp= general purpose and horse power.
- Amps - the steady state amp value of the switch. Per pole value is verified by the circuit connection.
- Volt - the Voltage (RMS) value.
- Hz - the Frequency or range such as (50-60).
- Temp - The declared operating temperature of the switch.
- Pol/Thr/Cir - The number of Poles (Pol) and Throws (Thr) represented by the switch construction (where "M" indicates multiple poles (more than 2)). The circuit (Cir) is identified by a code explained in the standard and appendix pages (Table 2 of 61058-1).
- DIS - Disconnect air gap across open contact, electronic is indicated by "e", micro indicated "micro", FULL indicated with a measurement in mm.
- IP - Degree of protection against ingress of solid objects and dust, and harmful ingress of water.
- 30C cycle - the number of Endurance cycles completed with a temperature rise less than 30C (on terminals).
- 55C cycle - the number of Endurance cycles completed with a temperature rise less than 55C (on terminals).
- SPCA - Identifies Special Conditions of Acceptability that must be considered in the end product. A list of typical SPCOAs (represented with a number) are found in the WOYR2 guide card. Conditions other than the typical are represented with a letter and described in the specific volume and section follow-up procedure description.
- ed - The switch evaluation was completed to the specified harmonized IEC standard (such as 3.2).

Products designated USR have been investigated using requirements contained in Underwriters Laboratories Standard for Switches for Appliance, UL 61058-1 edition 4.

Products designated CNR have been investigated using requirements contained in Canadian Standard CAN/CSA-C22.2 No. 61058-1-05.