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REPORT

on

InnoVista Sensors Industry (Huizhou) Ltd
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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component, Appliance Switches: (mechanical micro switch)

Model	Load	Amp	Volt	Hz	Temp C	Pol/ Thr/ (Cir)	Endurance		IP	DIS	SP CA	ed
							30C	55C				
83264	GP	8	125- 250	50/60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	hp	1/4 hp	125- 250	50/60	115	1/1 or 2 (1.2 or 2.2)	6K	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	2	48	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	2.5	24	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	0.5	125	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	0.25	250	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017

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83265	GP	5	125-250	50/60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	hp	1/10 hp	125-250	50/60	115	1/1 or 2 (1.2 or 2.2)	6K	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	2	48	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	2.5	24	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	0.5	125	DC	115	1/1 or 2 (1.2 or 2.2)	-	10k	40	Micro (0.5)	2A 2B 2C	2017
	R	0.25	250	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
83268	GP	0.1	125	50/60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
83268 SP9328	GP	0.1	125	50/60	200	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	200	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017

83268 SP9310	GP	0.1	125	50/ 60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
83268 SP9355	GP	5	125	50/ 60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	RM	5 (1)	125/ 250	50/ 60	150	1/1 or 2 (1.2 or 2.2)	-	50K	40	Micro (0.5)	2A 2B 2C	2017
83269	GP	0.1	125	50/ 60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
83269 SP9328	GP	0.1	125	50/ 60	200	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	200	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
83269 SP9355	GP	5	125	50/ 60	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017
	R	0.1	30	DC	115	1/1 or 2 (1.2 or 2.2)	-	10K	40	Micro (0.5)	2A 2B 2C	2017

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 to 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, 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 may be marked "PP" and 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).

IP - Degree of protection against ingress of solid objects and dust, and harmful ingress of water.

DIS - Disconnect air gap across open contact, electronic is indicated by "e", micro indicated "micro", FULL indicated with a measurement in mm.

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 indicated UL standard revision date (such as 2009).

Products designated USR have been investigated using requirements contained in UL Standard for Switches for Appliance, UL 61058-1 edition 5 and UL 61058-1-1 edition 1.

Products designated CNR have been investigated using requirements contained in Canadian Standard CAN/CSA-C22.2 No. 61058-1:17 and CAN/CSA-C22.2 No. 61058-1-1:17.

Switch Declaration: Use table for general and indicate differences below.

Model	Series 8326		
Ambient Temp. C	See table page 1	Type Reference	U.T.
Total Cycles	See table page 1	Glow Wire Temp. C	850, 750
IP rating	See table page 1	PTI	175 IIIa
Electric shock Class	II	Over Voltage Category	II
Pollution degree Macro	3	Impulse withstand Volt	2500
Pollution degree Micro	2	Disconnect	See table page 1
Actuation	Linear (push-button)	Test Circuit	See table page 1

Terminal	Type	Wire range	Flexible/Rigid	Wire type	Prepared or Unprepared	Specific test amps
C1, NC2, NO4	Quick Connect Terminal (6.3 x 0.8, 4.8 x 0.8, 4.8 x 0.5, 2.8 x 0.5)	Table 4	Flexible	Solid/stranded	prepared	N/A
C1, NC2, NO4	Solder iron	Table 4	Flexible	Solid/stranded	prepared	N/A
C1, NC2, NO4	Solder bath	Table 4	Flexible	Solid/stranded	prepared	N/A
C1, NC2, NO4	Screwed	Table 4	Flexible	Solid/stranded	prepared	N/A

FIGURE & ILLUSTRATIONS:

The following Figures & Illustrations are included in this Report.

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Figure	1	Switch 83268 SP9328 Overall View for Quick-Connector Terminal
Figure	2	Switch 83268 SP9328 Internal View for Quick-Connector Terminal
Figure	3	Switch 83264 Overall View for Solder Terminal
Figure	4	Switch 83264 Internal View for Solder Terminal
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Figure	7	Switch 83264 Overall View for Screwed Terminal
Figure	8	Switch 83264 Internal View for Screwed Terminal
Illustration	1	Switch 83264 Disassembled Switch
Illustration	2	NOMENCLATURE of 8326 series.
Illustration	3	Dimension Drawing

See ILL. 2 for Dimensions.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - The switches covered by this Report are for use only in complete equipment where the suitability of the combination is determined by UL.

STANDARD CONDITIONS OF ACCEPTABILITY: (See Section General or LIS guide Page)

SPECIAL CONDITIONS OF ACCEPTABILITY: (See section General or LIS guide Page)

Specific Conditions of Acceptability should be identified in page 1 column SPCA. Below are the conditions that apply to this description, items 1 to 8 or unique conditions are identified by a alphabetical letter.

- 2A. The Switch body is installed inside of end product; consider for no accessible parts.
- 2B. The switch provides only Basic insulation to live parts. The acceptability of user access of Basic insulation shall be considered in the end-use product.
- 2C. IP40 testing was completed on the complete switch without mounting in an end product.