CERTIFICATE OF COMPLIANCE

Certificate Number	E98133
Report Reference	E98133-2022-08-17
Date	2022-August-23
Issued to:	EVEREL GROUP SPA Via Cavour 9 Valeggio Sul Mincio Vr 37067 IT
This is to certify that representative samples of	SWITCHES, APPLIANCE AND SPECIAL USE - COMPONENT See Addendum Page for Product Designation(s).
	Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	UL 61058-1 and CSA 22.2 No. 61058-1-17, Switches For Appliances - Part 1: General Requirements UL 61058-1-1 and CSA C22.2 NO. 61058-1-1-17, Switches For Appliances - Part 1-1: Requirements For Mechanical Switches
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number E98133
Report Reference E98133-2022-08-17
Date 2022-August-23

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Appliance Switches: SPL60 (Mechanical switch)

Model	Load	Amp	Volt	Hz	Temp °C	Pol/ Thr/ (Cir)	Endurance		IP	DIS	SPCA	ed
							30C	55C				
SPL60	GP	16	125/250	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021
SPL60	HP	1/2	250	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021
SPL60	HP	1/4	125	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021

Bruce Mahrenholz, Director North American Certification Program

UL LLC

DESCRIPTION
PRODUCT COVERED:
USR, CNR Component, Appliance Switches: SPL60 (Mechanical switch)

Model	Load	Amp	Volt	Hz	Temp °C	Pol/ Thr/ (Cir)	Endurance		IP	DIS	SPCA	ed
							30C	55C				
SPL60	GP	16	125/250	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021
SPL60	HP	1/2	250	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021
SPL60	HP	1/4	125	50	95/55	1,2/1 (1.2, 1.3)	--	10K	40	Full	8	2021

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, 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.

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

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

Model	SPL60		
Ambient Temp. C	95/55	Type Reference	CT
Total Cycles	10E3	Glow Wire Temp. C	850
IP rating	40	PTI	250 IIIa
Electric shock Class	II	Over Voltage Category	II
Pollution degree Macro	3	Impulse withstand Volt	2500
Pollution degree Micro	3	Disconnect	Full
Actuation	Push button	Test Circuit	1.2, 1.3

Terminal	Type	Wire range	Flexible/ Rigid	Wire type	Prepared or Unprepared	Specific test amps
1, 2, 3, 4	Tab terminal 6.3X0.8 or 4.8x0.8	0.75 - 2.5 mm^2	Flexible	/	Prepared	/

NOMENCLATURE:

SPL60	X	X	7	X	X	X	X	XX	X
I	II	III	IV	V	VI	VII	VIII	IX	X

I	Series: SP(L*)60 (*L is elided in commercial codification law)
II	Shape/terminals: 1 Tab terminals 6.3x0.8 / Low body shape with matt surface A Tab terminals 4.8x0.8 / Low body shape with matt surface 2 Tab terminals 6.3x0.8 / High body shape with matt surface B Tab terminals 4.8x0.8 / High body shape with matt surface 4 Tab terminals 6.3x0.8 / Low body shape with gloss surface D Tab terminals 4.8x0.8 / Low body shape with gloss surface 5 Tab terminals 6.3x0.8 / High body shape with gloss surface E Tab terminals 4.8x0.8 / High body shape with matt surface 6 Tab terminals 6.3x0.8 / Low body shape with gloss surface and beveled frame F Tab terminals 4.8x0.8 / Low body shape with gloss surface and beveled frame
III	Electrical scheme (Reference Table 2 of UL61058-1): 1 1.2 4 1.2 NO momentary action 2 1.3 7 1.3 NO momentary action 5 1.2 with independent lamp N 1.2 NO momentary action with independent lamp 6 1.2 with dependent lamp P 1.2 NO momentary action with dependent lamp 8 1.3 with dependent lamp R 1.3 NO momentary action with dependent lamp
IV	Rating: 7: 16AGP 125/250Vac, 1/2HP 250Vac, 1/4HP 125Vac
V	Body color: Any letter or number
VI	Button cover color: Any letter or number other than "0" 0: Button cover not provided (customizable button version)
VII	Button cover mark color: Any letter or number
VIII	Button cover mark symbol: Any letter or number
IX	Customization: Any letters or numbers
X	None or Z: Standard plastic material W or Y: GWIT 775 °C plastic material

FIGURE & ILLUSTRATIONS:

The following Figures & Illustrations are included in this Report.

Figure and Illustration Index		
Fig. 1		Examples of SPL60 series
Fig. 2		Identifiction of components of SPL60 series
Fig. 3		Model SPL601871
Ill. 1		Switch nomenclature

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:

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.

A. The electronic switch endurance testing under abnormal conditions of the Solid State Device shorted or disconnected was not evaluated in the recognition. The end use application should consider wither a limited number of operations under these conditions is required.

B. IP40 - for accessible parts and enclosure of the end product enclosure when mounted or installed according to the manufacturer directions. Internal parts were not evaluated for IP ratings and must be considered in the end product.

C. The tests were conducted with wire size 12AWG stranded only.

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

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

8. These switches were investigated for the IP rating when mounted in a representative end-product enclosure as defined by the manufacturer. The suitability of the protection from solid objects or water for parts enclosed in the end product shall be considered in the end-use investigation

11. Switch with rating code S are only double poles single through (scheme 1.3) with body completely enclosed on lateral sides (except for rocker connection) and tab terminals 6.3x0.8