

CERTIFICATE OF COMPLIANCE

Certificate Number E98133
Report Reference E98133-20210811
Date 2021-August-19

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 investigated 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: See Addendum Page for Standard(s)

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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

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

Models:

A1, A2, A4, A8 Series

Standard(s)

UL 61058-1, CSA 22.2 No. 61058-1 - Switches for Appliances

UL 61058-1-1, CSA 22.2 No. 61058-1-1 - Switches for Appliances – Special requirement for Mechanical switches



Bruce Mahrenholz, Director North American Certification Program

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component, Appliance Switches: A1, A2, A4, A8 (Mechanical switch)

Model	Load	Amp	Volt	Hz	Temp C	Pol/ Thr/ (Cir)	Endurance		IP	DIS	SPC A	ed
							30 C	55C				
A1	GP	6	125/250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A1	GP	10	125/250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A1	GP	10	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A1	GP	15	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A1	HP	1/6	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A1	HP	1/10	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A1	HP	1/8	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A1	HP	1/2	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A1	HP	1/3	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A1	GP	6	125/250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A1	GP	10	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A1	GP	15	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A1	HP	1/6	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A1	HP	1/2	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A1	HP	1/3	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009

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A2	GP	6	125/250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A2	GP	10	125/250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A2	GP	10	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A2	GP	15	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2017
A2	HP	1/6	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A2	HP	1/10	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A2	HP	1/8	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A2	HP	1/2	250	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A2	HP	1/3	125	50	105/55	1 / 1,2 (1.2, 2.3)		10K	40	Full		2009
A2	GP	6	125/250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A2	GP	10	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A2	GP	15	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2017
A2	HP	1/6	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A2	HP	1/2	250	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A2	HP	1/3	125	50	105/55	1 / 2 (3.3)		10K	40	Micro		2009
A4	GP	6	125/250	50	105/55	1,2 / 1,2 (1.2, 1.3 2.3, 2.5)		10K	40	Full		2017
A4	GP	10	125/250	50	105/55	1,2 / 1,2 (1.2, 1.3,		10K	40	Full		2017

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						2.3, 2.5)						
A4	GP	10	250	50	105/55	1,2 / 1,2 (1.2, 1.3, 2.3, 2.5)		10K	40	Full		2017
A4	GP	15	125	50	105/55	1,2 / 1,2 (1.2, 1.3, 2.3, 2.5)		10K	40	Full		2017
A4	HP	1/6	250	50	105/55	1,2 / 1,2 (1.2, 1.3 2.3, 2.5)		10K	40	Full		2009
A4	HP	1/10	125	50	105/55	1,2 / 1,2 (1.2, 1.3 2.3, 2.5)		10K	40	Full		2009
A4	HP	1/8	125	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2009
A4	HP	1/2	250	50	105/55	1,2 / 1,2 (1.2, 1.3 2.3, 2.5)		10K	40	Full		2009
A4	HP	1/3	125	50	105/55	1,2 / 1,2 (1.2, 1.3 2.3, 2.5)		10K	40	Full		2009
A4	GP	6	125/250	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2017
A4	GP	10	250	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2017
A4	GP	15	125	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2017
A4	HP	1/6	250	50	105/55	1,2 / 2		10K	40	Micro		2009

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						(3.3, 3.5)						
A4	HP	1/2	250	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2009
A4	HP	1/3	125	50	105/55	1,2 / 2 (3.3, 3.5)		10K	40	Micro		2009
A8	GP	6	125/250	50	105/55	2 / 1 (1.3)		10K	40	Full		2017
A8	GP	10	125/250	50	105/55	2 / 1 (1.3)		10K	40	Full		2017
A8	HP	1/6	250	50	105/55	2 / 1 (1.3)		10K	40	Full		2009
A8	HP	1/10	125	50	105/55	2 / 1 (1.3)		10K	40	Full		2009
A8	HP	1/2	250	50	105/55	2 / 1 (1.3)		10K	40	Full		2009
A8	HP	1/3	125	50	105/55	2 / 1 (1.3)		10K	40	Full		2009

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.

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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 4.

Products designated CNR have been investigated using requirements contained in Canadian Standard CAN/CSA-C22.2 No. 61058-1-09.

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

Model	A1-A2-A4-A8	Type Reference	CT
Ambient Temp. C	105/55	Glow Wire Temp. C	850
Total Cycles	10000	PTI	250 IIIa
IP rating	40	Over Voltage Category	II
Electric shock Class	II	Impulse withstand Volt	2500
Pollution degree Macro	2	Disconnect	Full or Micro
Pollution degree Micro	2	Test Circuit	/
Actuation	Rocker		

Terminal	Type	Wire range	Flexible/Rigid	Wire type	Prepared or Unprepared	Specific test amps
1, 1a, 1b, 2, 2a, 2b	Tab terminal 4.8x0.8 and or solder terminals or pin terminals	0.5-1.5 mm ²	Flexible	/	Prepared and/or unprepared	/

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I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
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I	Series: A2
II	Shape/terminals: 1 Tab terminals 4.8x0.8 / Rocker with low profile 2 Solder terminals / Rocker with low profile A Pin terminals / Rocker low profile 3 Tab terminals 4.8x0.8 / Rocker with high profile 4 Solder terminals / Rocker with high profile B Pin terminals / Rocker with high profile 5, 6 Pin terminals / Long straight pin X Combination of above
III	Electrical scheme (Reference Table 2 of UL61058-1): 1 1.2 x 2 3 2.3 x 2 4 1.2 NO x 2 A 1.2 NC x 2 B 2.3 Momentary action x 2 E 1.2 + 2.3 G 1.2 + signal light H 2.3 + signal light N 1.2 NO + signal light P 1.2 + 1.2 NC R 1.2 + 2.3 momentary action 6 1.2 with lamp x 2 F 1.2 with lamp + 1.2 K 1.2 + 3.3 L 1.2 with lamp + 3.3 M 3.3 + signal light W 1.2 with lamp + signal light X Other electrical scheme combinations
IV	Rating: 2 6AGP 125/250Vac, 1/6HP 250Vac, 1/10HP 125Vac T105/55 3 10AGP 125/250Vac, 1/2HP 250Vac, 1/3HP 125Vac T105/55 7 10AGP 125/250Vac, 1/6HP 250Vac, 1/10HP 125Vac T105/55 B 15AGP 125Vac, 10AGP 250Vac, 1/2HP 250Vac, 1/3HP 125Vac T105/55 6 6AGP 125/250Vac, 1/6HP 250Vac, 1/8HP 125Vac T105/55 X Combination of above rating
V	Body color: Any letter or number
VI	First rocker or lens color: Any letter or number
VII	Second rocker or lens color: Any letter or number
VIII	Rockers mark color: Any letter or number
IX	First rocker mark symbol: Any letter or number
X	Second rocker mark symbol: Any letter or number
XI	Customization: Any letters or numbers
XII	None or Z: Standard plastic material W or Y: GWIT 775 °C plastic material

A4	X	X	X	X	X	X	X	XXX	X
I	II	III	IV	V	VI	VII	VIII	IX	X

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I	Series: A4
II	Shape/terminals: 1 Tab terminals 4.8x0.8 / Rocker with low profile 2 Solder terminals / Rocker with low profile A Pin terminals / Rocker low profile 7 Tab terminals 4.8x0.8 / Body without support feet 8 Solder terminals / Body without support feet D Pin terminals / Body without support feet C Pin terminals / Pin bended 90° 5, 6 Pin terminals / Long straight pin X Combination of above
III	Electrical scheme (Reference Table 2 of UL61058-1): 1 1.2 2 1.3 3 2.3 4 1.2 NO 7 1.3 NO A 1.2 NC B 2.3 Momentary action K 1.3 NC L 2.5 M 2.5 Momentary action 5 3.3 6 1.2 with lamp 8 1.3 with lamp 9 3.5 E 3.5 with one position with momentary action X Other electrical scheme combinations
IV	Rating: 2 6AGP 125/250Vac, 1/6HP 250Vac, 1/10HP 125Vac T105/55 3 10AGP 125/250Vac, 1/2HP 250Vac, 1/3HP 125Vac T105/55 7 10AGP 125/250Vac, 1/6HP 250Vac, 1/10HP 125Vac T105/55 B 15AGP 125Vac, 10AGP 250Vac, 1/2HP 250Vac, 1/3HP 125Vac T105/55 6 6AGP 125/250Vac, 1/6HP 250Vac, 1/8HP 125Vac T105/55
V	Body color: Any letter or number
VI	Rocker or lens color: Any letter or number
VII	Rocker mark color: Any letter or number
VIII	Rocker 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

A8	X	X	X	X	X	X	X	XXX	X
I	II	III	IV	V	VI	VII	VIII	IX	X

