



WOYR2.E83438 Switches, Special Use - Component

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Guide Information

APEM
55 AVE ED-HERRIOT
BOITE POSTALE 1
82300 CAUSSADE, FRANCE

E83438


Cat. No.	Amps	V	Frequency	HP
41,42,46,47 f/b	3	250	60	—
3,4,5,6 f/b 0-9;	6	125	60	—
41R,42R f/b A w/wo				
8 f/b 0,2 f/b 1-7				
P2012 f/b-Z4Q, -Z5Q	10	125	60	—
	6	250	60	—
	—	125	60	1/10
	—	250	60	1/4
	—	250 TO GND	60	1/4
P2012-ZQ	6	125-250	60	—
	—	125	60	1/10
	—	250	60	1/4
	—	250 TO GND	60	1/4
2649	10	125 RES	60	—
	10	250 RES	60	—
	—	250	60	1/6
	—	250 TO GND	60	1/6
2641	16	125 RES	60	—
	—	125	60	1/6
	16	250 RES	60	—
	—	250	60	1/3

	—	250 TO GND	60	1/3
631,636 aa	15	125-250	60	—
	—	250	60	1/2
63 f/b 2,3,5,7,8,9 aa	13	125	60	—
	10	250	60	—
	—	250	60	1/2
641,646,651,656 aa	15	125-250 TO GND	60	—
	—	250 TO GND	60	1/2
64 f/b 2,3,4,4.1R,	10	125-250 TO GND	60	—
4.2R,5,7,8,9 aa	—	250 TO GND	60	1/2
653,657-659 aa				
22 f/b 31,33,41 or 43	6	125-250 TO GND	60	—
f/b A, f/b 2,4 or 8				
f/b additional suffixes				
631SH, 631SH/2	—	125	—	3/4
636SH, 636SH/2	—	125	—	3/4
641SH, 641SH/2	—	125	—	3/4
646SH, 646SH/2	—	125	—	3/4
Note: aa w/wo suffixes.				
Series AV f/b two characters,	8	125 Vac	60	—
	4	250 Vac	60	—
f/b 000, f/b 3, f/b A,	—	125 Vac	60	1/6
f/b 9, may be f/b E				
5 or 7 f/b 0-9	3	250	60	—
f/b 3-6 w/suffixes,	6	125	60	—
w/suffixes	4	30	DC	—
X814 or X1198				
5 or 7 f/b 0-9, f/b 3-6	10	125 RES	60	—
w/X760 w/suffixes				
A f/b 1-4 or B	3	250	60	—
f/b 1-2 f/b 0-1	6	125	60	—
f/b 1, 3, 5, 7, 8	4	30	DC	—
f/b 1, 2 w/ suffixes or				
A2010X005,				
w/suffixes				

X814 or X1198				
SWW236A6X653,SWW236A7	5	125	60	—
w/wo suffixes				
AS3 f/b 2, 6, 7, 8, 9	2	250	60	—
f/b SO f/b 10, f/b 0-3	4	125	60	—
ML3 f/b 6, 9 w/suffixes	2	250	60	—
	4	125	60	—
25 f/b 1, 3, 4, 5,	2	250	60	—
f/b 3, 4 f/b 6N w/wo suffixes	4	125	60	—
S f/b W,WW,Y,K	2	250	60	—
f/b 0,2,6 f/b 3, 4 f/b 2,6,	4	125		
7,8,9, 4TH, 4TH1R,				
4TH2R f/b A,AD w/ suffixes				
SP f/b 3,4 f/b 5 f/b	1	120	60	—
MW,PO,SO,WO,WW				
or YO f/b 1,2,6,7 f/b				
additional suffixes				
8 f/b 4,6 f/b 3,4 f/b	3	250	60	—
f/b 2,6 f/b, W f/b A,AD f/b	6	125	60	—
6,9,13 w/suffixes				
12 f/b 0,1,2,3, f/b 3, f/b — ,	4	250	60	—
	8	125	60	—
M8, MR8, f/b A, f/b 7,				
f/b — ,L w/wo				
prefixes or suffixes				
13 f/b 2 or 4,	2	125/250	60	—
f/b 3 or 4, f/b 5, w/wo				
4, 9 or W, f/b A or AD2,				
f/b additional suffixes				
36 f/b 3, f/b 1, 4, 5	10	125/250	60	—
6, 7, 8 or 9, f/b NF				
or NF/2 w/wo S				
f/b additional suffixes				
36 f/b 4, f/b 1, 4, 5,	6	125/250	60	—
6, 7, 8 or 9, f/b NF				

or NF/2W w/wo S				
f/b additional suffixes				
FM f/b 6,1 or 9, f/b 2 or 8,	6	125/250	60	—
f/b 1-7 or 9, f/b A, f/b 0,				
f/b 1-7 or 9				
1500 Series	6	125/250	60	—

Marking: Company name, and either electrical rating or catalog number (or both) marked on switch. When electrical rating or catalog number (one or the other) is not marked on switch, it is indicated on the shipping container.

UL Recognized Component Mark  is on the switch or smallest shipping container. When the Mark is not on the switch, the company name and catalog number appear with Mark on the container.

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[Switches] (Snap Switches) Switches, Special Use - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

This category covers switches for use in devices or appliances.

The basic Standard used to investigate products in this category is UL1054, Special Use Switches.

Unless specified otherwise in the individual Recognitions, consideration is to be given to the following conditions of acceptability when these components are employed in end-use products.

1. The switch terminals have been investigated for use only with copper wire or copper alloy quick-connect terminals.
2. Switches employing standard size quick-connect tabs should be mated with the appropriate standard size quick-connect connector. The tab is provided with a detent. The connector shall be properly matched to the tab.
3. The spacing between any connections when installed on the switch terminals and the adjacent mounting surface are to be judged using the spacing requirements contained in the end-product standard.
4. For switches employing integral leads, the temperature rating of the leads is 60 C, unless the leads are surface-marked with higher rating.
5. The switch has been subjected to a min of 6000 cycles endurance test.

Additional Conditions of Acceptability may be included in the individual Recognition Reports.

The following abbreviations are used to identify terms used in the catalog number and the ratings of the switches.

Abbreviations	Term
f/b	followed by
ww/o	with or without
Res	Resistive load.
	98-100 % power factor
T	Alternating Current and

	Direct Current
	Tungsten-Filament Lamp
L	Alternating Current
	Tungsten-Filament Lamp

Marking - Switches Recognized under the Component Program are identified by markings, consisting of the manufacturer's identification and catalog, model or other product designation and the Recognized Component Mark



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