

# 2600 series

Power rocker switches



## DISTINCTIVE FEATURES

Three rocker shapes : plain, V-shaped or concave

Various rocker colors

Frame with protection guard on 2600LP models

Illuminated or non-illuminated

UL, CSA, VDE and NF (EN 61058-1) approved



## ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load and approved ratings : see table below.
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- Dielectric strength : 2,500 Vrms 50 Hz min. between terminals  
3,000 Vrms 50 Hz min. between terminals and metal panel
- Electrical life : 10,000 cycles at full load

Functions	APPROVED RATINGS				DIRECT CURRENT	
	CSA (double pole)	UL (double pole)	VDE	NF	24 VDC	12 VDC
	CSA 22-2	UL 1054	EN 61058-1	EN 61058-1		
ON - OFF ON - ON	1/6 HP 125 VAC 16 A 125 VAC 16 A 250 VAC 1/3 HP 250 VAC	1/6 HP 125 VAC 16 A 125 VAC 16 A 250 VAC 1/3 HP 250 VAC	10(4) A 250 VAC T 85/55	-	10 A	15 A
ON - OFF - ON	10 A 125 VAC 10 A 250 VAC 1/6 HP 125/250 VAC	10 A 125 VAC 10 A 250 VAC 1/6 HP 125/250 VAC	L I option 10(4) A 250 VAC	L I option 10(4) A 250 VAC	8 A	10 A
ON - ON - ON	-	-	-	-	5 A	8 A
OTHERS	10 A 125 VAC 10 A 250 VAC 1/6 HP 250 VAC	-	L I option 10(4) A 250 VAC	L I option 10(4) A 250 VAC	8 A	10 A



## GENERAL SPECIFICATIONS

- Panel thickness : 0.8 mm to 4 mm (.031 to .157)
- Operating temperature :
  - silver contacts (A) : -20 °C to +85 °C (-4 °F to +185 °F)
  - silver plated contacts (C) : -10 °C to +55 °C (+14 °F to +131 °F)

The company reserves the right to change specifications without notice.



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## MATERIALS

- Case : melamine/polyester
- Frame : polyamide
- Actuator : polyamide
- Contacts :
  - A : silver
  - C : copper, silver plated

APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.

## AGENCY APPROVALS



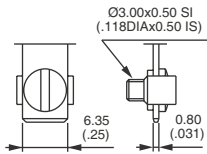
EN 61058-1 EN 61058-1

**Availability** : consult factory for details of approved models.

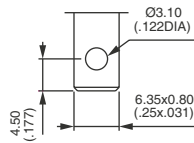
**Marking** : approved models are standard marked.



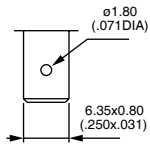
## TERMINALS



Screw



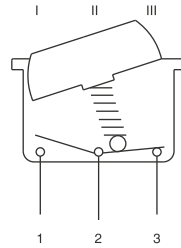
Solder lug / quick-connect



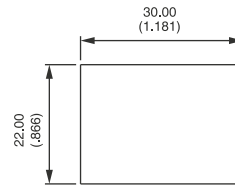
Normalized quick-connect



## ELECTRICAL FUNCTIONS



## PANEL CUT-OUT



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## BUILD YOUR PART NUMBER

### BASIC PART NUMBER

26																																										
<b>SERIES</b>	<b>NUMBER OF POLES</b>	<b>ELECTRICAL FUNCTIONS</b>			<b>TERMINALS</b>																																					
	<table border="1"> <tr> <td>3</td> <td>Single pole</td> </tr> <tr> <td>4</td> <td>Double pole</td> </tr> </table>	3	Single pole	4	Double pole	<table border="1"> <tr> <td>1</td> <td>ON</td> <td>-</td> <td>OFF</td> </tr> <tr> <td>4</td> <td>ON</td> <td>ON</td> <td>ON ▲</td> </tr> <tr> <td>5</td> <td>MOM</td> <td>-</td> <td>ON</td> </tr> <tr> <td>6</td> <td>ON</td> <td>-</td> <td>ON</td> </tr> </table>	1	ON	-	OFF	4	ON	ON	ON ▲	5	MOM	-	ON	6	ON	-	ON	<table border="1"> <tr> <td>7</td> <td>MOM</td> <td>OFF</td> <td>MOM</td> </tr> <tr> <td>8</td> <td>ON</td> <td>OFF</td> <td>MOM</td> </tr> <tr> <td>9</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> </table>	7	MOM	OFF	MOM	8	ON	OFF	MOM	9	ON	OFF	ON	<table border="1"> <tr> <td>(none)</td> <td>Screw + clamp</td> </tr> <tr> <td>/2</td> <td>Solder lugs / quick-connect</td> </tr> <tr> <td>/3</td> <td>Normalized quick-connect</td> </tr> </table>	(none)	Screw + clamp	/2	Solder lugs / quick-connect	/3	Normalized quick-connect
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### OPTIONS

	<b>FRAME COLORS</b>	<b>ROCKER SHAPES</b>	<b>ROCKER MARKING</b>		<b>ILLUMINATED WINDOW</b>																																																																				
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**NOTICE** : please note that not all combinations of above numbers are available. Refer to the following pages for further information.

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## 2600LH - SINGLE POLE



Screw term. + clamp	Solder lug/ quick-connect	III A2-A1	II	I A2-A3
2631LH	2631LH/2	ON	-	OFF
2635LH	2635LH/2	MOM	-	ON
2636LH	2636LH/2	ON	-	ON
2637LH	2637LH/2	MOM	OFF	MOM
2638LH	2638LH/2	ON	OFF	MOM
2639LH	2639LH/2	ON	OFF	ON

## 2600LH - DOUBLE POLE



Screw term. + clamp	Solder lug/ quick-connect	III A2-A1 B5-B4	II	I A2-A3 B5-B6
2641LH	2641LH/2	ON	-	OFF
2644LH*	2644LH/2*	ON	ON	ON
2645LH	2645LH/2	MOM	-	ON
2646LH	2646LH/2	ON	-	ON
2647LH	2647LH/2	MOM	OFF	MOM
2648LH	2648LH/2	ON	OFF	MOM
2649LH	2649LH/2	ON	OFF	ON

## 2600LP - WITH PROTECTION GUARD SINGLE POLE



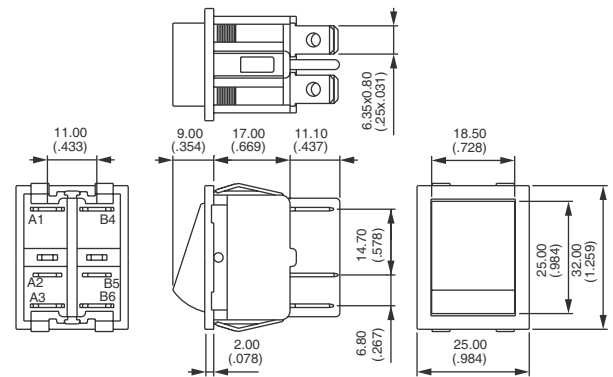
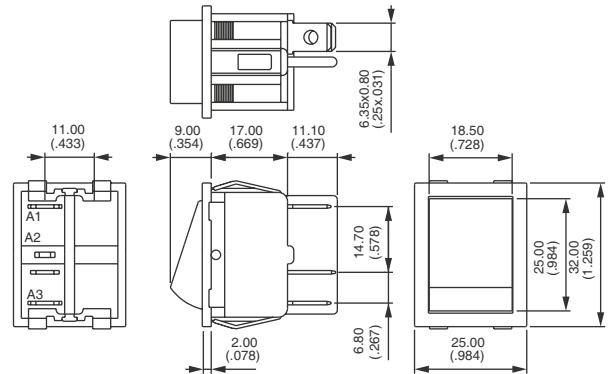
Screw term. + clamp	Solder lug/ quick-connect	III A2-A1	II	I A2-A3
2631LP	2631LP/2	ON	-	OFF
2635LP	2635LP/2	MOM	-	ON
2636LP	2636LP/2	ON	-	ON
2637LP	2637LP/2	MOM	OFF	MOM
2638LP	2638LP/2	ON	OFF	MOM
2639LP	2639LP/2	ON	OFF	ON

## 2600LP - WITH PROTECTION GUARD DOUBLE POLE

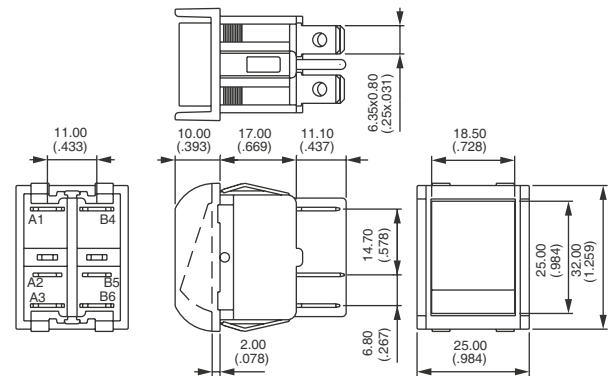
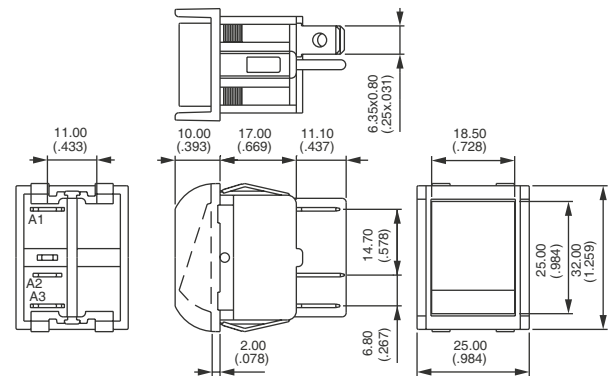


Screw term. + clamp	Solder lug/ quick-connect	III A2-A1 B5-B4	II	I A2-A3 B5-B6
2641LP	2641LP/2	ON	-	OFF
2644LP*	2644LP/2*	ON	ON	ON
2645LP	2645LP/2	MOM	-	ON
2646LP	2646LP/2	ON	-	ON
2647LP	2647LP/2	MOM	OFF	MOM
2648LP	2648LP/2	ON	OFF	MOM
2649LP	2649LP/2	ON	OFF	ON

Shown with plain rocker



\*Function 4 : SP in DP case, see "Technical information" on website.



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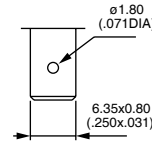
# 2600 series

Power rocker switches

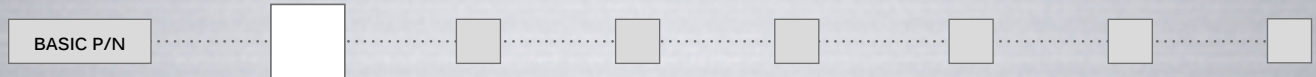
## TERMINAL OPTION

Specify after LH or LP.

/3 Normalized quick-connect terminals 6.35 x 0.8 (.250 x .031)



### CONTACT MATERIALS



- A Silver
- C Copper, silver plated (available with functions 1, 6 and 9 only)

### FRAME COLORS

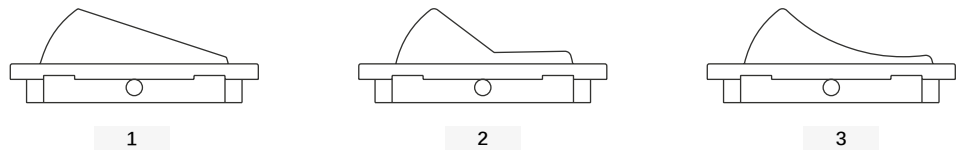


- 1 Dark blue
- 2 Black (standard)
- 4 Grey
- 7/1 White
- 8 Chrome plated (⚠ Chrome plated option has UL approval only.)
- B Light brown
- E Dark brown

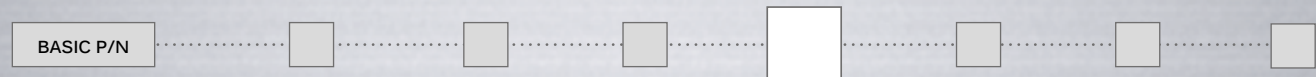
### ROCKER SHAPES



- 1 Plain
- 2 V-shaped
- 3 Concave



### ROCKER COLORS



FOR ILLUMINATED SWITCHES

		Plain rocker P/N	V-shaped rocker P/N	Concave rocker P/N
0	Without rocker	-	-	-
1	Blue*	U881	U861	U871
3	Green*	U883	U863	U873
5	Yellow	U885	U865	U875
6	Red	U886	U866	U876
7/1	White	U887	U867	U877
9	Orange	U889	U869	U879

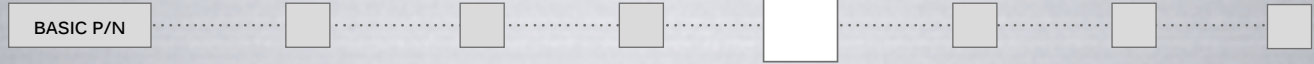
\* With green or blue rocker, use fluorescent lamp only.

Complete box with one of above color codes in bold.  
To order rockers separately, use their P/N (U....) and complete box with code 0.

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Power rocker switches

## ROCKER COLORS (CONTINUED)



FOR NON-ILLUMINATED SWITCHES OR SWITCHES WITH ILLUMINATED WINDOW (•)

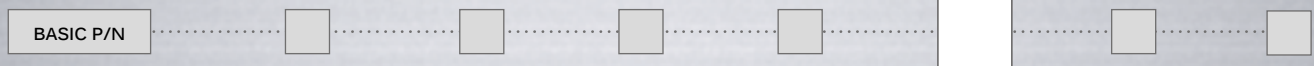
		Plain rocker P/N	V-shaped rocker P/N	Concave rocker P/N
<b>0</b>	Without rocker	-	-	-
<b>02</b>	Light brown	U1250B	U1270B	U1260B
<b>04</b>	Dark brown	U1250BF	U1270BF	U1260BF
<b>03</b>	Beige	U1250	U1270	U1260
<b>10</b>	Blue	U1251	U1271	U1261
<b>14</b>	Dark blue	U1251/4	U1271/4	U1261/4
<b>20 •</b>	Black	U1252	U1272	U1262
<b>30 •</b>	Green	U1253	U1273	U1263
<b>40</b>	Grey	U1254	U1274	U1264
<b>50</b>	Yellow	U1255	U1275	U1265
<b>60 •</b>	Red	U1256	U1276	U1266
<b>70</b>	White	U1257	U1277	U1267
<b>90</b>	Orange	U1259	U1279	U1269

Complete box with one of above color codes in bold.

To order rockers separately, use their P/N (U...) and complete box with code 0.

Rockers with illuminated windows (codes 20, 30, 60) : part numbers on request.

## ROCKER MARKING



MARKING												
COLOR	-	6 3	6 3	6 3	6 3	6 3	1 4	6 3	6 3	6 3	6 3	
Black	<b>00</b>	<b>01</b>	<b>02</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>03</b>	<b>04</b>	<b>05*</b>	<b>40</b>	<b>43*</b>	<b>46</b>
Red	<b>00</b>	<b>11</b>	<b>12</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>13</b>	<b>14</b>	<b>15*</b>	<b>41</b>	<b>44*</b>	<b>47</b>
White	<b>00</b>	<b>21</b>	<b>22</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>23</b>	<b>24</b>	<b>25*</b>	<b>42</b>	<b>45*</b>	<b>48</b>

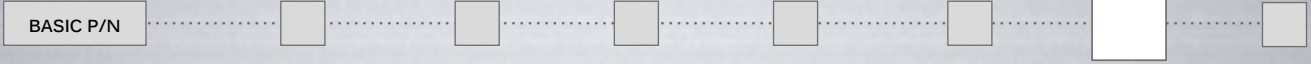
\* Not available on V-shaped rockers

Special markings and marking on rockers with illuminated window : consult factory.

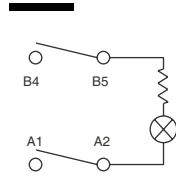
# 2600 series

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## LAMPS



- L0 Non-illuminated switch
- L6V Filament lamp 6 V
- L12V Filament lamp 12 V
- L24V Filament lamp 24 V
- L110V Neon lamp 110 VAC
- L110V1 BLUE fluorescent lamp 110 VAC
- L110V3 Green fluorescent lamp 110 VAC
- L220V Neon lamp 220 VAC
- L220V1 BLUE fluorescent lamp 220 VAC
- L220V3 Green fluorescent lamp 220 VAC
- L I EN61058-1 approved version without lamp (3 position switches)



⚠ For illuminated models, the lamp is always connected between center terminals 2 and 5.

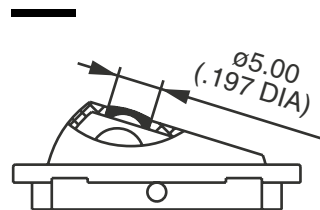
## ILLUMINATED WINDOW



For black, green and red rockers only.

- /3 Green
- /6 Red

With green, use fluorescent lamp only.  
No marking available on illuminated windows.



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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