Change Notice

Change to Yellow LED Specifications for M2100 Toggles & Rockers

Type of Change:

✓ Engineering✓ Part Number✓ Product✓ Appearance

The M2100 Toggles and Rockers will have changes to the specifications for Yellow (E) LEDs. The changes will effect all of the switches, both standard and custom. The specification revisions are outlined below, followed by effected standard part numbers.

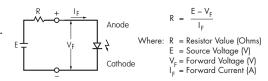


M2100 Series

LED COLOR & SPECIFICATIONS										
The electrical specifications shown are determine	Before Change	After Change								
temperature of 25°C. The LED is an integral part and is not available separately.	Color	Yellow E	Yellow E							
Maximum Forward Current	I _{FM}	30mA	30mA							
Typical Forward Current	I _F	20mA	20mA							
Forward Voltage	V_{F}	2.1V	2.1V							
Maximum Reverse Voltage	V_{RM}	4V	4V							
Current Reduction Rate Above 25°C	ΔI_{F}	0.40 mA/°C	0.38 mA/°C							
Ambient Temperature Range		−10 ~ +55 °C	−10 ~ +55 °C							

Notes

- In OFF state, the lens color has a different appearance after the change.
- The LED circuit is isolated and requires an external power source.
- If the source voltage exceeds the rated voltage, a ballast resistor is required. The resistor value can be calculated by using the formula shown here.
- The changes to LED specifications do not effect any external dimensions of the switches.
- Contact the factory if further details are needed.



M2113REG30

M2100 TOGGLES EFFECTED BY REVISIONS											
M2112LEW01/M	M2112	2LEW02/M M2112LEW03/N		M	M2112LEW01 M211		M2112LEW02	M2112LE	W03	M2112LEG30	
M2112TEW01/M	M2112	2TEW02/M M2112TEW03/N		M	M2112TEW01	N	M2112TEW02	M2112TEW03		M2112TEG30	
M2113LEW01/M	M2113	3LEW02/M M2113LEW03/N		M	M2113LEW01	N	M2113LEW02	M2113LEW03		M2113LEG30	
M2113TEW01/M	M2113	13TEW02/M M2113TEW03/		M	M2113TEW01	N	M2113TEW02 M2113TE		W03	M2113TEG30	
M2100 ROCKERS EFFECTED BY REVISIONS											
M2112NEW0	M2112NEW01 M2112NEW02			M2112NEW03		M2112NEW13		M2112NEG30			
M2112REW0	1	M2112REW02			M2112REW03		M2112REW13		M2112REG30		
M2113NEW0	3NEW01 M2113NEW02			M2113NEW03		M2113NEW13		M2113NEG30			

M2113REW03

Effective Date

Changes to Yellow (E) LED for M2100 Series will be effective March 2017.

M2113REW02



M2113REW01

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M2113REW13

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