

Specification Change Notice

CH Series Illuminated Pushbutton Switch 【LED】

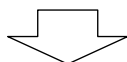
We would like to inform you that specification of LED (Red, Green, Yellow) will be changed after April 1, 2016.

No change in external dimensions and part number. The details are as follows.

LED colors: Red(7), Green(8), Yellow(9)

●LED Ratings Before Change

DC Supply Voltage (V)	Current Rating (mA)							
	Full-Face			Split-Face			Dual color	
	R	G	Y	R	G	Y	R	G
Square 5V・12V・24V	10	12	12	10	12	12	10	12
Rect. 5V	20	24	24	10	12	12	20	24
Rect. 12V・24V	10	12	12	10	12	12	10	12

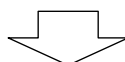


After Change

DC Supply Voltage (V)	Current Rating (mA)							
	Full-Face			Split-Face			Dual color	
	R	G	Y	R	G	Y	R	G
Square 5V・12V・24V	2	6	4	2	6	4	2	6
Rect. 5V	4	10	8	2	5	4	4	10
Rect. 12V・24V	2	5	4	2	5	4	2	5

●EXTERNAL RESISTOR ★13.2mm Square Button Before Change

Square	Full-Face			Split-Face			Dual-Color	
	5・12・24V			5・12・24V			5・12・24V	
	R	G	Y	R	G	Y	R	G
Max operating current IFM(mA)	25	25	25	25	25	25	25	25
DC reverse voltage VR(V)	10	10	10	5	5	5	10	10
Forward voltage VF(V)	3.6	4.2	4.2	1.8	2.1	2.1	3.6	4.2
Recommended operating current IF(mA)	18	18	18	18	18	18	18	18



Please be sure to use the appropriate resistor.

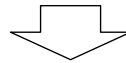
After Change

Square	Full-Face			Split-Face			Dual-Color	
	5・12・24V			5・12・24V			5・12・24V	
	R	G	Y	R	G	Y	R	G
Max operating current IFM(mA)	20	20	20	20	20	20	20	20
DC reverse voltage VR(V)	8	8	8	4	4	4	8	8
Forward voltage VF(V)	3.6	4.2	3.6	1.8	2.1	1.8	3.6	4.2
Recommended operating current IF(mA)	1.5	5	3	1.5	5	3	1.5	5

Specification Change Notice

●EXTERNAL RESISTOR ★13.2 × 19.4mm Rect. Button Before Change

Rect.	Full-Face						Split-Face			Dual-Color			
	5V			12・24V			5・12・24V			5V		12・24V	
	R	G	Y	R	G	Y	R	G	Y	R	G	R	G
Max operating current IFM(mA)	50	50	50	25	25	25	25	25	25	50	50	25	25
DC reverse voltage VR(V)	10	10	10	20	20	20	10	10	10	10	10	20	20
Forward voltage VF(V)	3.6	4.2	4.2	7.2	8.4	8.4	3.6	4.2	4.2	3.6	4.2	7.2	8.4
Recommended operating current IF(mA)	36	36	36	18	18	18	18	18	18	36	36	18	18



Please be sure to use the appropriate resistor.

After Change

Rect.	Full-Face						Split-Face			Dual-Color			
	5V			12・24V			5・12・24V			5V		12・24V	
	R	G	Y	R	G	Y	R	G	Y	R	G	R	G
Max operating current IFM(mA)	40	40	40	20	20	20	20	20	20	40	40	20	20
DC reverse voltage VR(V)	8	8	8	16	16	16	8	8	8	8	8	16	16
Forward voltage VF(V)	3.6	4.2	3.6	7.2	8.4	7.2	3.6	4.2	3.6	3.6	4.2	7.2	8.4
Recommended operating current IF(mA)	3	8	6	1.5	4	3	1.5	4	3	3	8	1.5	4