

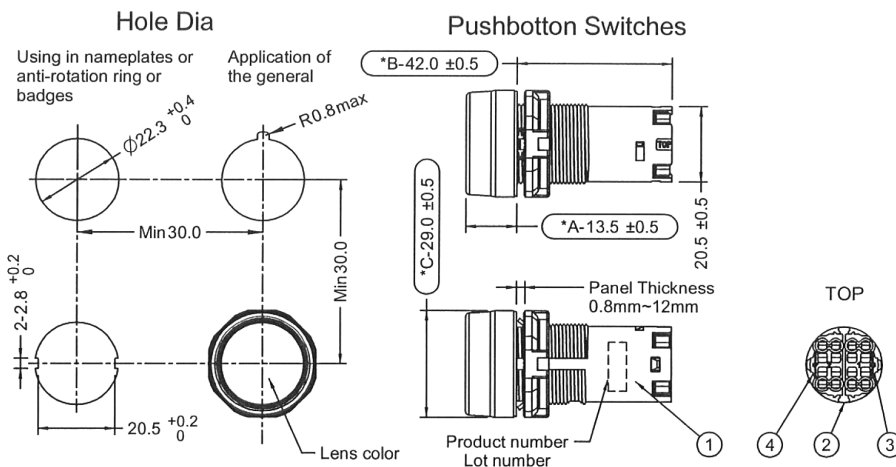
**RoHS  
Compliant**

## Specifications



Mechanical life	: >5,000,000 operations
Electrical life	: >100,000 operations
Electrical durability	: 1,000,000 cycles AC-15, 230V/1.6A 1,000,000 cycles DC-13, 24V/0.6A
Rate insulation voltage	: 400V
Rated thermal current	: 8A
Contact resistance	: 100mΩ max. (at 1A 6-8V DC)
Insulation resistance	: 100MΩ min. (at 500V DC)
Dielectric strength	: 2000V AC 50/60 Hz for 1 min
Degree of protection	: IP66, Type 4X indoor use only & Type 13 IP30 (under Panel)
Storage temperature	: -40°C to 85°C
Operating temperature	: -25°C to 70°C
Operating humidity	: 45% to 85% RH
Wire diameter	: 16 AWG to 26 AWG, 0.2mm <sup>2</sup> to 1.5mm <sup>2</sup>
Stripping length	: 8mm

## Diagram



## Contact Ratings

Dimensions : Millimetres

Rated Insulation Voltage (Ui)		400V				
Rated Terminal Current (Ith)		8A				
Operation Voltage (Ue)		12V	30V	120V	240V	380V
AC 50/60 Hz	Resistive load (AC-12) (Ie)	8A	8A	8A	6A	3.8A
	Inductive load (AC-15) (Ie)	8A	8A	6A	3A	1.9A
Rate Operational Voltage (Ue)		12V	30V	125V	250V	400V
DC	Resistive load (DC-12) (Ie)	2.5A	2.5A	1.1A	0.55A	0.3A
	Inductive load (DC-13) (Ie)	2.5A	2.3A	0.55A	0.27A	0.15A

# Push Button Switch

## Component

Item	Name	Material	Number
1	MPCP2B-M1E	--	1
2	Partition	PA66	
3	Contact 1	--	
4	Contact 2		
	Empty Contact	PA66+G20	

## Contact Block Mounting Position

Configuration	Contact	Position	Operation Position		Contact Part
			Free	Push	
10	1	NO		•	SCP2-E10P
	2	--			Empty Contact
20	1	NO		•	SCP2-E10P
	2				
01	1	NC	•		SCP2-E01P
	2	--			Empty Contact
02	1	NC	•		SCP2-E01P
	2				
11	1	NO		•	SCP2-E10P
	2	NC	•		

## Part Number Table

Description	Part Number
Pushbutton Switch, Momentary Flush, Yellow, 1NO, 24V	MPCP2B-M1E10Y
Pushbutton Switch, Momentary Flush, Green, 1NO, 24V	MPCP2B-M1E10G
Pushbutton Switch, Momentary Flush, Red, 1NO, 24V	MPCP2B-M1E10R

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