

TYPE No. : CP2B-M1E□□

- : Lens Color (B:Black, G:Green, R:Red, S:Blue, W:White, Y:Yellow)
□ : Contact (10:1NO, 20:2NO, 01:1NC, 02:2NC, 11:1NO 1NC)
E : Standard
M1 : Momentary Flush
CP2B : CP2 Pushbutton Switch

ORDER No. : CP2B-M1E□□

Contact Block Mounting Position

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

Contact Ratings

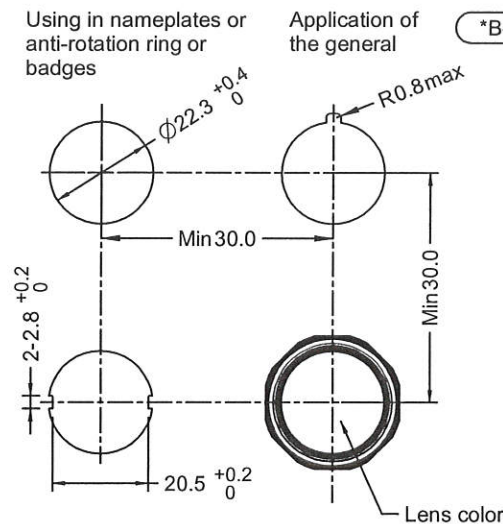
Rated Insulation Voltage (Ui)		400V				
Rated Thermal Current (Ith)		8A				
Rate Operational Voltage (Ue)		12V	30V	120V	240V	380V
AC 50/60HZ	Resistive Load (AC-12) (Ie)	8A	8A	8A	6A	3.8A
	Inductive Load (AC-15) (Ie)	8A	8A	6A	3A	1.9A
Rate Operational Voltage (Ue)		12V	30V	125V	250V	400V
DC	Resistive Load (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

Product Specifications

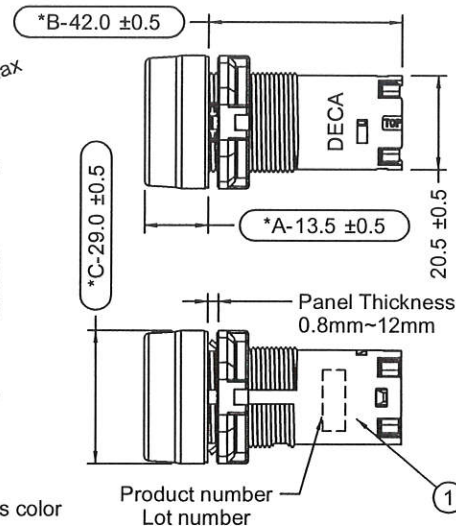
Mechanical life	: >5,000,000 operations
Electrical life	: >100,000 operations
Electrical durability	: 1,000,000 cycles AC-15, 230V/1.6A 1,000,000 cycles DC-13, 24V/0.6A
Rate insulation voltage	: 400V
Rated thermal current	: 8A
Contact resistance	: 100mΩ max. (at 1A 6-8V DC)
Insulation resistance	: 100MΩ 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
Approved standards	: UL508(CSA C22.2 No.14), UL1059 A300 Q300, IEC 60947-5-1, GB/T 14048.5
Hazardous substances	: Corresponding RoSH and REACH
Wire diameter	: 16~26 AWG, 0.2~1.5mm ²
Stripping length	: 8mm

RoHS
Compliant

Hole Dia



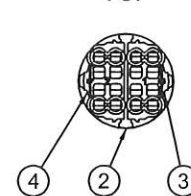
Pushbutton Switches



Component

Item	Name	Material	Number
1	CP2B-M1E	—	1
2	Partition	PA66	1
3	Contact ①	—	1
4	Contact ②	—	1
	Empty Contact	PA66+G20	1

TOP



DECA® SwitchLab Inc.

DESIGN	CHECK	APPROVE
DATE	DATE	DATE
2019/04/10	2019/04/10	2019/04/10

PART NAME	UNIT	SCALE
CP2 Pushbutton Switches	MM	0.6 : 1
DRAWING NO.		SHEET
CP2B-M1E□□		1 / 1