

TYPE No. : CP24L-A2E□□□

- : Lens & Lamp Color (see the table below for details)
- : Voltage (Q2 : 6V, Q3 : 12V, Q4 : 24V, Q5 : 36V, Q6 : 48V, Q7 : 60V, Q11 : 110V, Q22 : 220V)
- : Contact (10:1NO, 01:1NC)
- E : Standard
- A2 : Maintained Extended
- CP24L : CP2 Metal Bezel Illuminated Pushbutton Switch

ORDER No. : CP24L-A2E□□□

Contact Block Mounting Position

		Operator Position			
Configuration	Contact	Position	Free	Push	Contact Part
10	①	NO		●	SCP2-E10P
	②	—			SCP2-E00P + LED
01	①	NC	●		SCP2-E01P
	②	—			SCP2-E00P + LED

Lens & LED Color

		Code							
	A	G	R	S	Y	W	PW	C	
Lens	Amber	Green	Red	Blue	Yellow	White	Clear	Clear	
LED	Amber	Green	Red	Blue	Yellow	White	White	Yellow	

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	>250,000 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 +55°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

※ The indicator voltage below 36V is not within the CCC certification scope.

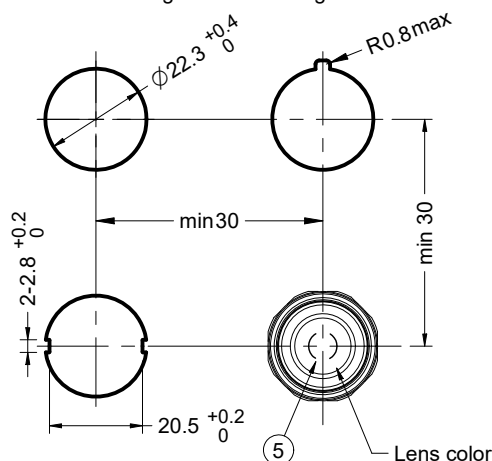
RoHS
Compliant



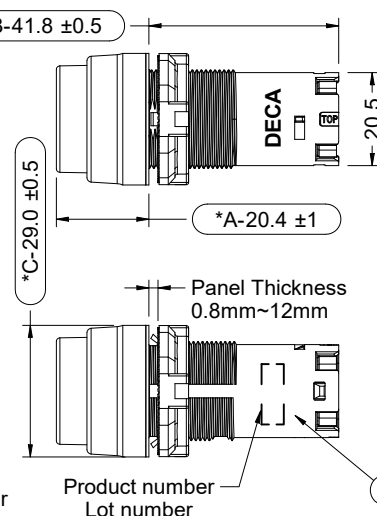
Hole Dia

Using in nameplates or
anti-rotation ring

Application of
the general



Product Appearance



Component

Item	Name	Material	Number
1	CP24L-A2E	—	1
2	Partition	PA66	1
3	Contact ①	—	1
4	SCP2-E00P	—	1
5	LED	—	1

DECA® SwitchLab Inc.

DESIGN	CHECK	APPROVE
DATE	DATE	DATE
2022/11/30	2022/11/30	2022/11/30

PART NAME	UNIT	SCALE
CP2 Metal Bezel Illuminated Pushbutton Switches	mm	0.6 : 1
DRAWING NO.		SHEET
CP24L-A2E□□□		1 / 1