

TYPE No. : CP24F-2E□□□

- : 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, Q38 : 380V, Q41 : 415V)
- : Contact (10:1NO, 01:1NC)
- E : Standard
- 2 : 2 Positions -45°~+45° Maintained
- CP24F : CP2 Metal Bezel Illuminated Selector Switch

ORDER No. : CP24F-2E□□□

### Contact Block Mounting Position

| Configuration | Contact | Position | Operator Position |       | Contact Part    |
|---------------|---------|----------|-------------------|-------|-----------------|
|               |         |          | Left              | Right |                 |
| 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     | C      |
| Lens | Amber | Green | Red | Blue | Yellow | White | Clear  |
| LED  | Amber | Green | Red | Blue | Yellow | White | Yellow |

### Contact Ratings

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

### Product Specifications

- Mechanical life : >500,000 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<sup>2</sup>
- Stripping length : 8mm

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

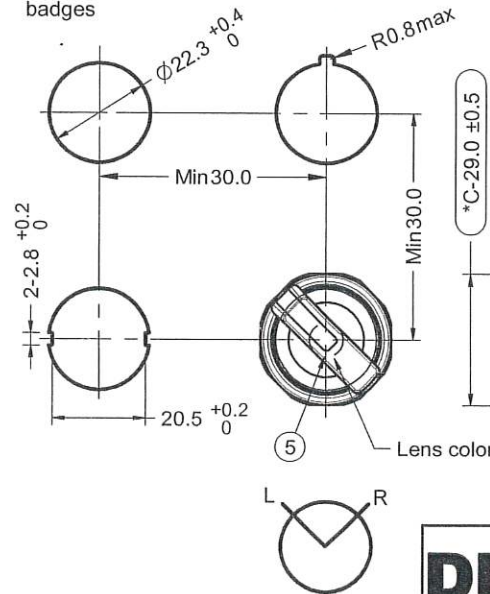
RoHS  
Compliant



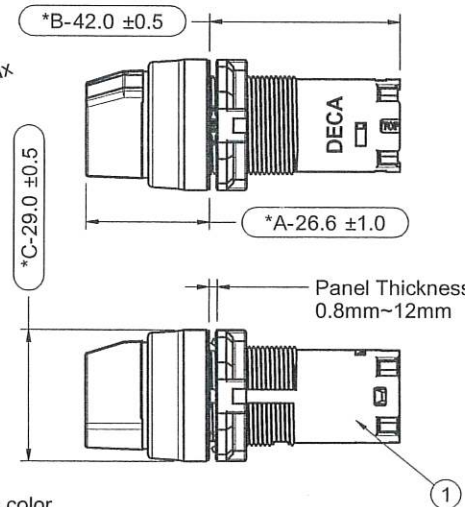
### Hole Dia

Using in nameplates or anti-rotation ring or badges

Application of the general



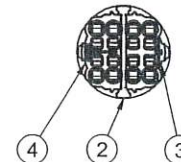
### Product Appearance



### Component

| Item | Name      | Material | Number |
|------|-----------|----------|--------|
| 1    | CP24F-2E  | —        | 1      |
| 2    | Partition | PA66     | 1      |
| 3    | Contact ① | —        | 1      |
| 4    | SCP2-E00P | —        | 1      |
| 5    | LED       | —        | 1      |

TOP



DECA® SwitchLab Inc.

|            |            |            |
|------------|------------|------------|
| DESIGN     | CHECK      | APPROVE    |
| DATE       | DATE       | DATE       |
| 2022/09/13 | 2022/09/13 | 2022/09/13 |

| PART NAME                         | UNIT  | SCALE   |
|-----------------------------------|-------|---------|
| CP2 Illuminated Selector Switches | MM    | 0.6 : 1 |
| DRAWING NO.                       | SHEET |         |
| CP24F-2E□□□                       | 1 / 1 |         |