

SLE10K

Panel Seal

RoHS Compliant



Miniature Power Rocker Switches

UL

CSA

VDE

Features

1. Waterproof structure

The switches can be used in a place in wetting risk due to the internally sealed structure.
The panel sealing performance is the IP64 rating.

2. Snap-in panel mounting

The switch can be fixed on the panel just by inserting it to the panel cutout from the front side.

3. Soldering and tab terminals

The switch is structured so that the use of the TAB receptacle (#187) or soldering of lead wires can be chosen.

4. UL, CSA and VDE approved products.

Approvals

UL File No.E43275
CSA File No.LR38341
VDE License No.40024519

Specifications

Rating	Load	Inductive load		Resistive load
	Inrush current (p.f.=0.6)	125 VAC	250 VAC	
	60 A		36 A	10 A 125 VAC 6 A 250 VAC (p.f.=1.0)
	Break current (p.f.=0.9)	10 A	6 A	
	Min. rating	10 mA 5 VAC/DC		
Initial contact resistance	20 mΩ max. (1A 2~4 VDC)			
Dielectric strength	1,500 VAC 1 minute			
Insulation resistance	100 MΩ min. (500 VDC)			
Electrical life (cycles)	10,000 cycles		20,000 cycles	
Operating force	3.92~12.7 N			
Operating temperature range	-25~+85°C			
Storage temperature range	-40~+85°C			

Part Numbering

SLE

Series code

10

Current

K

Switching function

2

Terminal style

-

5

Rocker design

- **Z**

10 10A

K ON - OFF

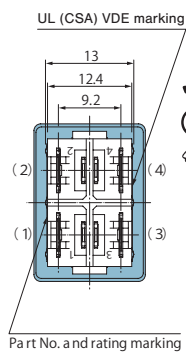
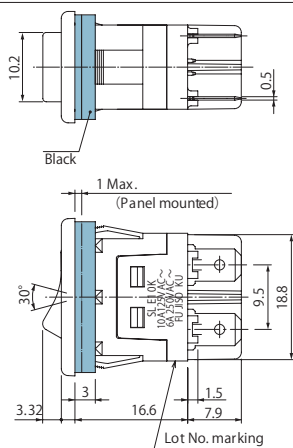
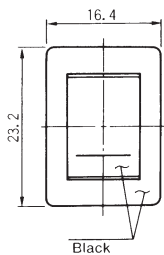
2 #187 TAB (t=0.5)

	None	Unfigured
5		
6		
7		

Table of Part Numbers

Poles	Frame color and rocker color	Switching function	Terminal style	Part No. and rating marking side			
2-poles	Black	ON-OFF	TAB	☆SLE10K2-Z	SLE10K2-5-Z	SLE10K2-6-Z	SLE10K2-7-Z

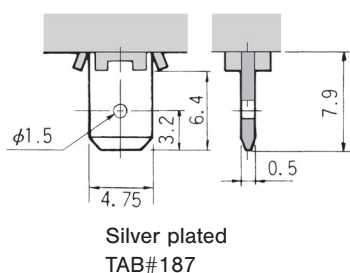
SLE10K2-Z DPST
187
TAB#187 Terminal



Switching function	Viewed from part No. & rating marking side	
Part No.	ON	OFF
SLE10K2-Z		
SLE10K2-5-Z		
SLE10K2-6-Z		
SLE10K2-7-Z	-	-
Connecting terminals		
	1-2	
	3-4	

Terminal numbers are shown on the bottom of the switch.

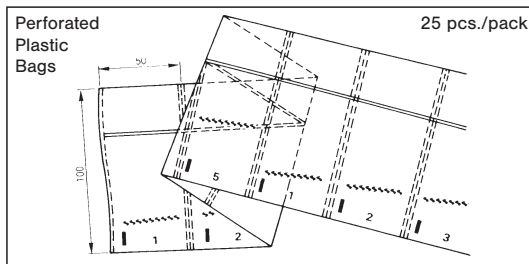
Terminal Style



Panel Cut-Out Dimensions

Panel thickness	X	Y
0.75~1.25	19.2	12.9
1.25~3.5	19.4	12.9

Packaging Specification



Handling Precautions

The waterproofing performance of SLE10K is IP64 rating, but following precautions must be strictly observed.

1. Waterproof performance(IP64 rating)

- (1) Although the switch is waterproof-structured, do not use it under the environment where it is always exposed to water pressure (jet flow and under water).
- (2) Avoid the use in places where dust accumulates. The waterproof performance and operability may be deteriorated.

2. Panel mounting

- (1) When the switch is used in a place where it may be exposed to water splash, mount the switch at a tilt of at least 35 degrees from the horizontal surface. (See Fig. 1.)
- (2) Mount the switch on the panel so that the thickness of packing is 1 mm or below. (See Fig. 2.)

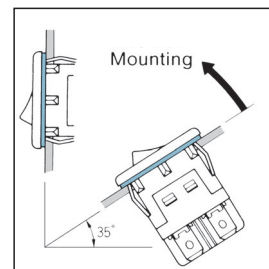


Fig.1.

Do not reuse the switch that is once mounted on a panel. Neglecting this caution may deteriorate the waterproofing performance.

3. Soldering Specifications

(1) Manual Soldering

Device: Soldering iron
380°C, Max.; 3 seconds, Max.

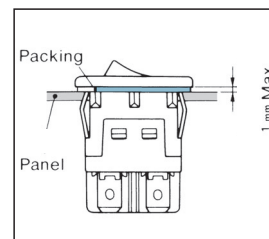


Fig.2.