

SLE210K

Miniature Power Rocker Switches

Dust Proof



C-US UL VDE SEMKO

RoHS Compliant

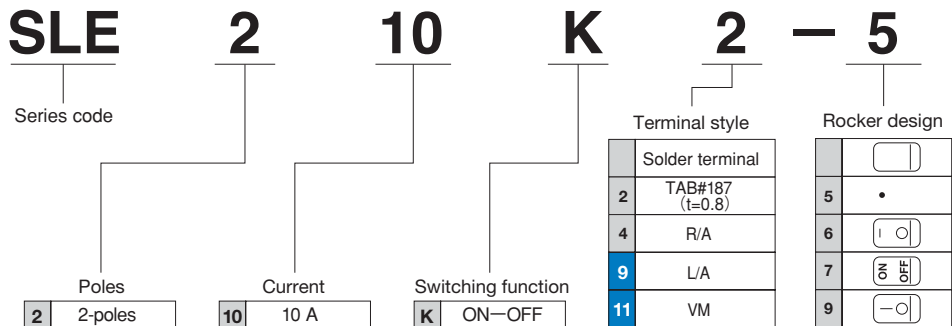
■Features

1. **C-US UL** , **VDE** and **SEMKO** approved products
2. Snap-in panel mounting
3. Compact size is suited for space-saving design.
4. Best suited for power supply of equipment.
5. Dust-proof type
6. 100 A rush current type.
7. Breaking distance is 3 mm or over.

■Specifications

Rating	Load	Inductive load				Resistive load
	Inrush current (p.f.=0.6)	125VAC		250VAC		10A 125VAC 10A
		100A	60A	100A	60A	250VAC (p.f.=1.0)
	Break current (p.f.=0.9)	10A	10A	10A	10A	
	Min.	10mA 5VAC/DC				(Resistive load)
C-ULUS		6A 125VAC·6A 250VAC				(Resistive load)
Initial contact resistance		20mΩ max.				(1A 1~2VDC)
Initial dielectric strength		1500VAC 1 minute				
Initial insulation resistance		100MΩ min				(500VDC)
Electrical life(cycles)		5,000	10,000	5,000	10,000	10,000
Operating force		3.92~12.7N				
Operating temperature range		-25~+85°C				
Storage temperature range		-40~+85°C				

■Part Numbering



★ : The combination marked in blue brackets shows made-to-order products.

■Marking Color

Frame color · Rocker color	Making color
Black	White

7The black color is standard for the frame and the rocker.
The gray and the ivory colors are also available as custom-made items.

■Handling Precautions

1. Soldering Specifications

(1)Manual Soldering

Device : Soldering iron

380°C, Max.; 5 seconds, Max.

The tab terminals cannot be soldered.

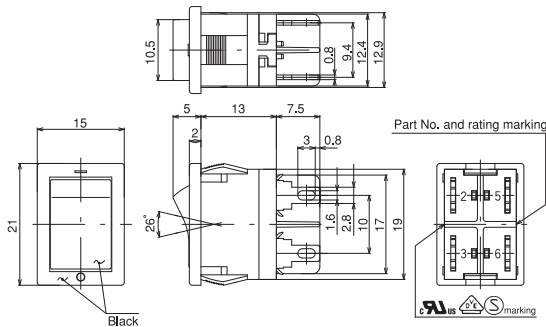
SLE210K

Table of Part Numbers

Frame color and rocker color	Marking color	Switching function	Terminal styles	Part number and rating marking side				
Black	White	ON—OFF	Solder terminal	☆SLE210K	★SLE210K-5	SLE210K-6	★SLE210K-7	SLE210K-9
			#187 TAB	SLE210K2	SLE210K2-5	SLE210K2-6	SLE210K2-7	SLE210K2-9
			Right-angle	★SLE210K4	★SLE210K4-5	☆SLE210K4-6	★SLE210K4-7	▲SLE210K4-9
			Left-angle	▲SLE210K9	★SLE210K9-5	★SLE210K9-6	★SLE210K9-7	★SLE210K9-9
			Vertical mounting	▲SLE210K11	▲SLE210K11-5	★SLE210K11-6	☆SLE210K11-7	▲SLE210K11-9

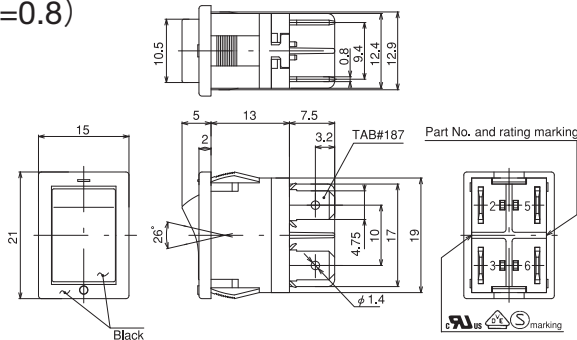
For custom-made products, we accept orders for indication of letters, codes, etc., on the top surface of rocker.

Solder terminal

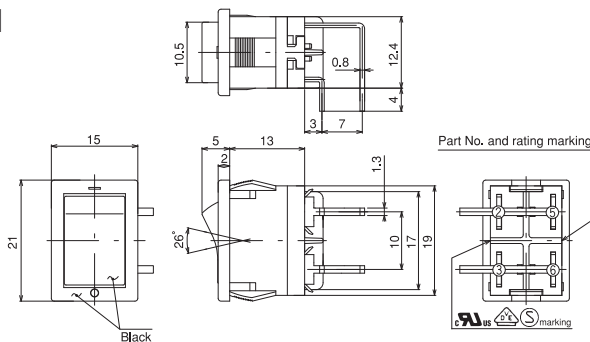


Switching function	Viewed from part No. & rating marking side	
	ON	OFF
Part No.	ON	OFF
Connecting terminals	2—3 5—6	—

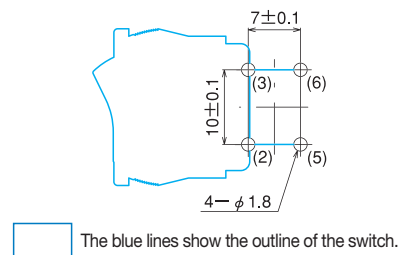
TAB#187 Terminal (t=0.8)



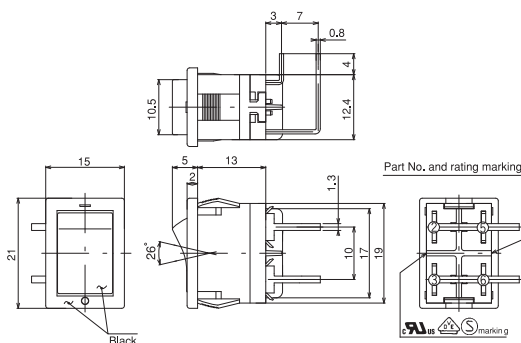
Right Angle Terminal



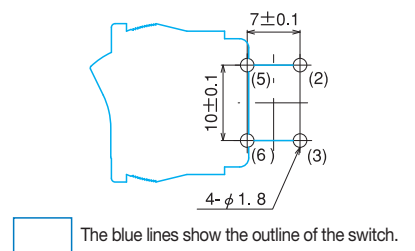
PC Hole Layouts (Top view)



Left Angle Terminal

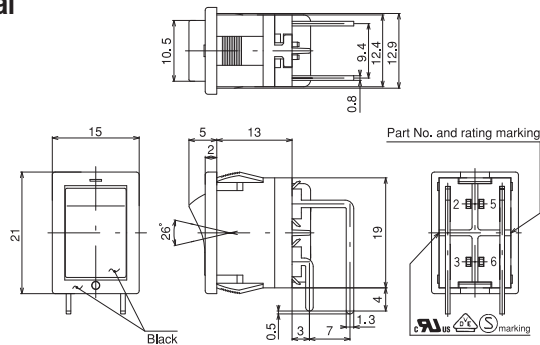


PC Hole Layouts (Top view)

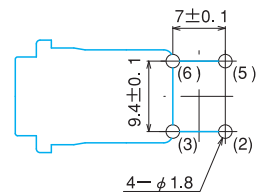


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Vertical Mounting Terminal

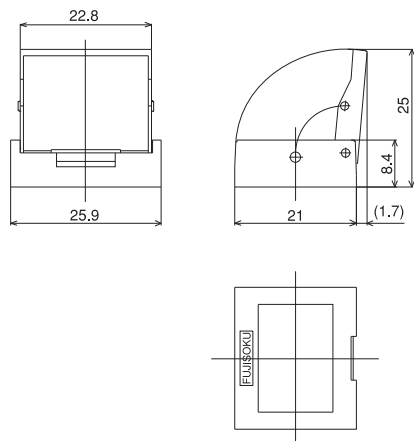


PC Hole Layouts (Top view)



The blue lines show the outline of the switch.

Switch Guard Dedicated for use of rocker switches



Features

Clear visibility and one-touch mounting to save labor

Application

Best suited for protection of malfunction of miniature rocker switches (panel cutout: 19.2 x 12.9)

Specifications

Part Name: Switch guard

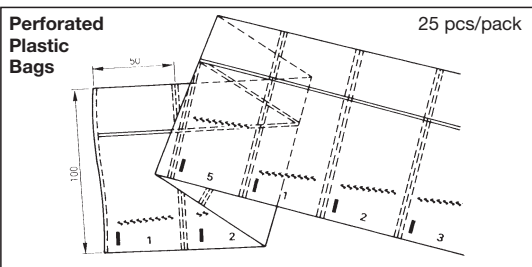
Part Number: 140007250027

Color: Black (transparent cover)

An application switch	●SLE6	●SLE10
	●SL10K	●SLE210K

※The switch guard cannot be used for the SLE10K type.

Packaging Specification



Approvals

UL File No.E43275

VDE License No. 40000090

SEMCO File No. 1312457

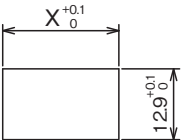
Panel Cut-Out Dimensions

Switches

Panel thickness	X
0.75~1.25	19.2
1.25~2.0	19.4
2.0~3.0	19.8

Switch Guard Installation

Panel thickness	X
0.75~1.4	19.4
1.4~2.3	19.8



PRECAUTIONS FOR PANEL MOUNTING