
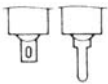

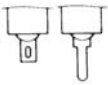










EIGHT SWITCH SERIES

8 Switch Series Selection Table

Part No.	Name	Actuator shape	Number of poles	Switching function	Terminal style	Page
8H	Lever · Rocker		1 · 2	ON — ON ON — OFF — ON (ON) — OFF — (ON) ON — OFF — (ON) ON — (ON)	 S/D P/C	339
8HD	Lever · Rocker (Dust Proof)		1 · 2		 S/D P/C	341
8M	Small Lever Rocker		1 · 2 · 3 · 4		 S/D	343
8V—M	Small Lever · Rocker PC		1 · 2		 P/C	345
8Q	Large Lever · Rocker		1 · 2 · 3 · 4		 S/D	347
8V—Q	Large Lever · Rocker PC		1 · 2		 P/C	349

●P/C: Show PC terminal.

Note: For overseas standards, see page 627.

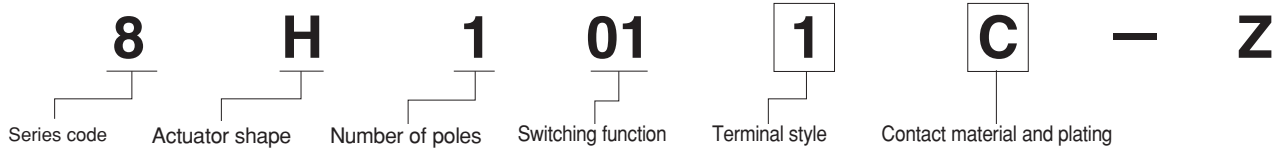
(ON) : Momentary.

8 switch series

8 Switch Series Common Specifications

Contact specs.		Silver	Gold plated
Rating	Max.	AC125V 6A AC250V 3A DC30V 4A	DC20V 25mA
Initial contact resistance		10mΩ Max. (DC2~4V 1A)	20mΩ Max. (AC200 μV 1.5mA)
Initial dielectric strength		AC1500V min	
Initial insulation resistance		1000MΩ Min.	(DC500V)
Electrical life	Alternate type	50,000 cycles	
	Momentary type	25,000 cycles	
Operating temperature range		-30~+85°C	
Storage temperature range		-40~+85°C	

Part Numbering



Code	Type
H	Lever·Rocker
HD	Lever·Rocker
M	Small Lever·Rocker
V-M	Small Lever·Rocker
Q	Large Lever·Rocker
V-Q	Large Lever·Rocker

Fig.	Number of poles
1	1 pole
2	2 poles
3	3 poles
4	4 poles

Fig.	Switching function
01	ON - ON
02	ON - OFF - ON
04	(ON)-OFF-(ON)
05	ON - OFF - (ON)
06	ON - (ON)

Fig.	Terminal style
1	Solder Terminal
2	PC Straight

Code	Contact material	Plating
None	Bs+AgまたはCu+Ag Bs+Ag or Cu+Ag	Ag
C	Bs+AgまたはCu+Ag Bs+Ag or Cu+Ag	Ni+Au

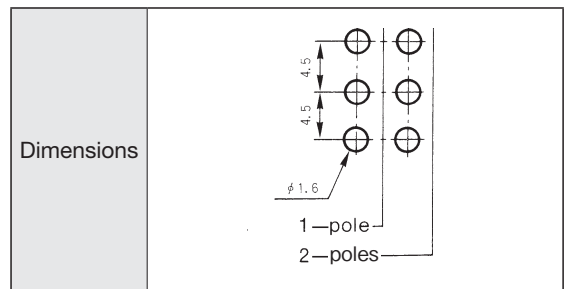
Bs=Brass.
 Cu=Copper.
 Ag=Silver.
 Ni=Nickel.
 Au=Gold

Note : For some products, the part numbers according to the above-stated combinations are not registered yet. Check the Table of Part Numbers for availability.

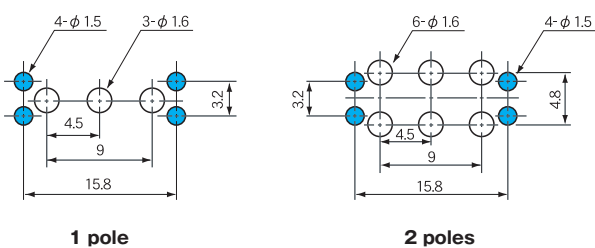
Terminal Styles

Terminal style	Solder Terminal (Style : 1)	PC Straight (Style : 2)
Dimensions		

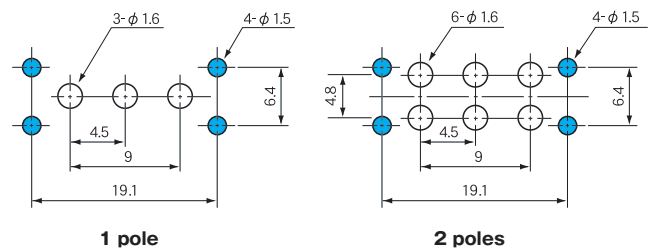
PC Hole Layouts



PC Hole Layouts



PC Hole Layouts



(ON) : Momentary.

8H

Lever & Rocker Switches

RoHS Compliant

UL CSA



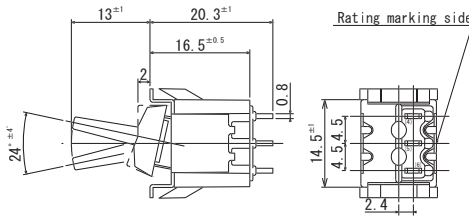
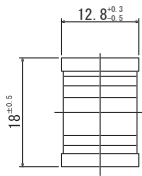
Features

The 8H Lever & Rocker Switches feature the snap-in mount type on the panel, which enables side-by-side mounting. For the actuator, either of the lever or the rocker can be chosen according to applications and four colors are available for the actuator and the mounting frame, respectively. Choose the suitable one for the panel design.

SPDT



(Mount with lever)



Terminal numbers are not shown on the bottom of the switch.

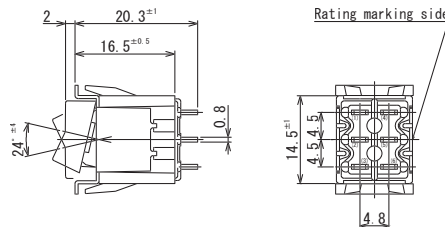
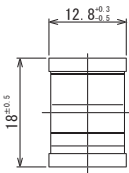
Switching function	Viewed from rating marking side		
Part No.			
8H101■-Z	ON	—	ON
8H102■-Z	ON	OFF	ON
8H104■-Z	(ON)	OFF	(ON)
8H105■-Z	ON	OFF	(ON)
8H106■-Z	ON	—	(ON)
Connecting terminals	5-6	—	5-4

■ : Look at follows.

DPDT



(Mount with rocker)



Terminal numbers are not shown on the bottom of the switch.

Switching function	Viewed from rating marking side		
Part No.			
8H201■-Z	ON	—	ON
8H202■-Z	ON	OFF	ON
8H204■-Z	(ON)	OFF	(ON)
8H205■-Z	ON	OFF	(ON)
8H206■-Z	ON	—	(ON)
Connecting terminals	2-3 5-6	—	2-1 5-4

■ : Look at follows.

Table of Part Numbers

Terminal style	Switching function	1 pole	2 poles
Solder Terminal	ON — ON	☉ 8H1011-Z ☆ 8H1011C-Z	☉ 8H2011-Z ▲ 8H2011C-Z
	ON — OFF — ON	☆ 8H1021-Z ▲ 8H1021C-Z	★ 8H2021-Z ▲ 8H2021C-Z
	(ON) — OFF — (ON)	☉ 8H1041-Z	★ 8H2041-Z
	ON — OFF — (ON)	★ 8H1051-Z	★ 8H2051-Z
	ON — (ON)	☉ 8H1061-Z	★ 8H2061-Z
PC Straight	ON — ON	★ 8H1012-Z	★ 8H2012-Z
	ON — OFF — ON	▲ 8H1022-Z	★ 8H2022-Z
	(ON) — OFF — (ON)	▲ 8H1042-Z	★ 8H2042-Z
	ON — OFF — (ON)	▲ 8H1052-Z	▲ 8H2052-Z
	ON — (ON)	★ 8H1062-Z	★ 8H2062-Z

Some products in the Table of UL and CSA Listed are not registered yet. Before placing the order, check with our Sales Department.

(ON) : Momentary.

★ : Made to order products.

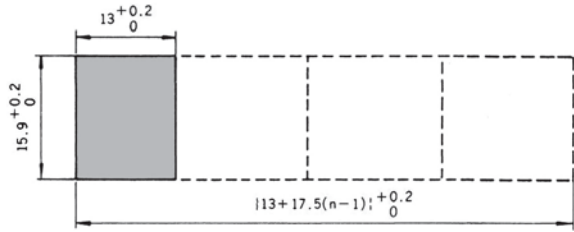
● For Soldering Specifications and Flux Cleaning, see page 350.

☆ : Semi-standard products.

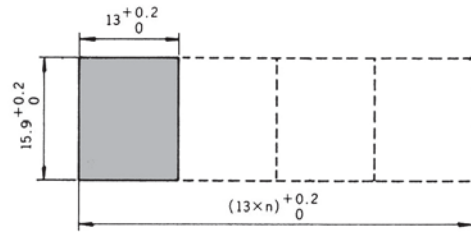
▲ : Inquiry products.

■ Panel Cut-Out Dimensions

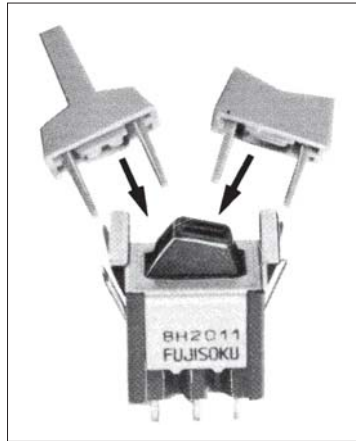
Panel thickness (with Mounting Frame) : 1 to 2.5mm



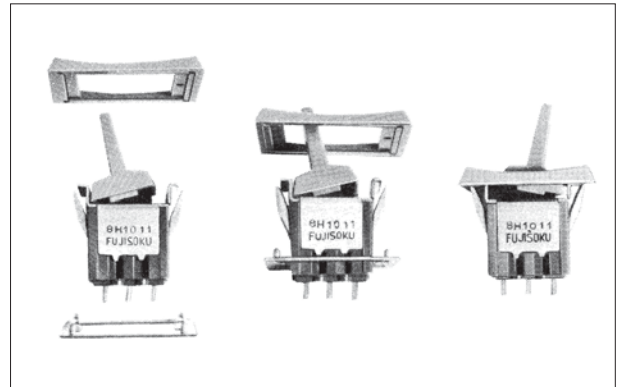
Panel thickness (with Mounting Frame) : 1 to 3mm



■ Lever · Rocker Installation Procedure



■ Mounting Frame mounting Method



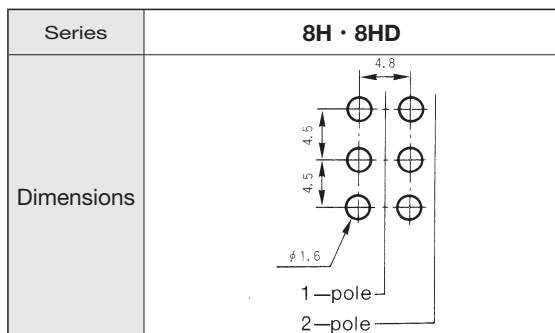
■ Accessories

《Supplied separately》

Part Name	Standard Accessories			Optional Accessories
	Lever		Rocker	Mounting Frame
Gloss finish Dimensions (ポリアセタール樹脂)				
White	14000050693	14000050511	140000480332	140000340086 + 140000600181
Red	14000050694	14000050512	140000480334	140000340087 + 140000600181
Black	14000050695	14000050513	140000480333	140000340088 + 140000600181
Gray	14000050696	14000050514	140000480335	140000340089 + 140000600181

● Specify either one of Lever or Rocker in part number when placing an order.

■ PC Hole Layouts



■ Terminal Styles

Series	8H · 8HD · 8Q	
Terminal style	Solder Terminal (Style : 1)	PC Straight (Style : 2)
Dimensions		