

Manual Switching Valves

Panel Mount, 2-Port / 3-Port / 5-Port

Step Switching Valves

2-Port / 3-Port / 4-Port

RoHS10

Dimensions of Panel Mounting Hole (for All Types)

Components

(No.2) (No.3, 4)

Component List

Part Number	Name	Material
①	Main Body	(No.2)A6061 (No.3, 4)ACD10
②	End Cover	Resin
③	Pilot Body	A6061
④	Philips Machine Screw	SS400
⑤	Bracket	SPC
⑥	Rotary / Push Button	-

2-Port

NCHS2 **NCHB2** **NCHP2**

3-Port

NCHS3 **NCHB3** **NCHP3**

5-Port (Nominal: 8A)

NCHS4 **NCHB4** **NCHP4**

5-Port (Nominal: 10A)

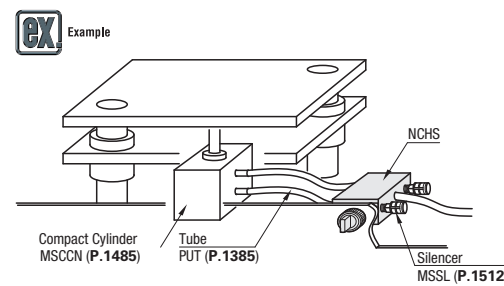
NCHS4 **NCHB4** **NCHP4**

Part Number Type	No.	Nominal	Direction	Number of Ports	Pipe Connection Bore Dia.		Number of Positions	Effective Sectional Area (mm ²)	Operating Pressure (MPa)	Operating Temp. Range (°C)	Applicable Fluid	Mass (g)	Unit Price		
					IN, OUT	EX							NCHS	NCHB	NCHP
NCHS (Rotary) NCHB (Button) NCHP (Push Button)	2	8A	2	2	-	2	18	0~0.9	5~60	Air	200				
	3		3	Rc1/4	Rc1/4										
	4		3	Rc1/4	Rc1/8										
	4	10A	4	5	Rc3/8	Rc3/8	30	0.15~0.8							

The NCHP buttons are green.

Ordering Example

Part Number	Nominal
NCHS2	8A
NCHB4	8A



- Features**
- Small manual switching valves with large capacity.
 - Button Type is spring loaded.

2-Port

RoHS10

MSFF (No Lock Mechanism)

Features

- Switching valve to switch a flow of compressed air on and off. Air starts flowing by pressing the pedal, and the flow stops by releasing the pedal.
- Mountable either vertically or horizontally.
- Manual operation is also possible.

3-Port / 4-Port

MSFB (No Lock Mechanism)
MSFBR (with Lock Mechanism)

Features

- For the Lock Mechanism Type, the pedal is locked when stamped.
- The lock is released when the locked pedal is stamped again.

Material: ADC12 (Silver Paint)

Part Number Type	No.	Direction	Number of Ports	Pipe Connection Bore Dia.		Number of Positions	Effective Sectional Area (mm ²)	Operating Pressure (MPa)	Max. Actuating Force (N)	Operating Temp. Range (°C)	Applicable Fluid	Mass (g)	Unit Price	
				IN, OUT	EX								MSFB	MSFBR
MSFB MSFBR	3	3	3	Rc1/4	Rc1/8	2	8	0~0.7	29	5~60	Air	560		
	4	4	4	Rc1/4	Rc1/8	2	8	0~0.7	29	5~60	Air	680		

Ordering Example

Part Number: MSFF2, MSFBR4

EX Example

