

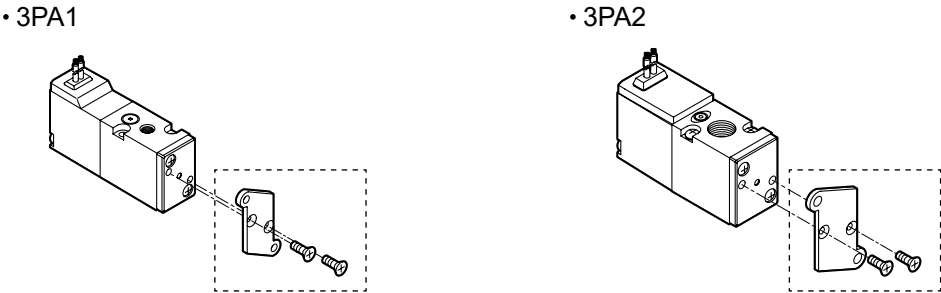


Direct acting 3-port pneumatic valve

(M)3PA, 3PB Series

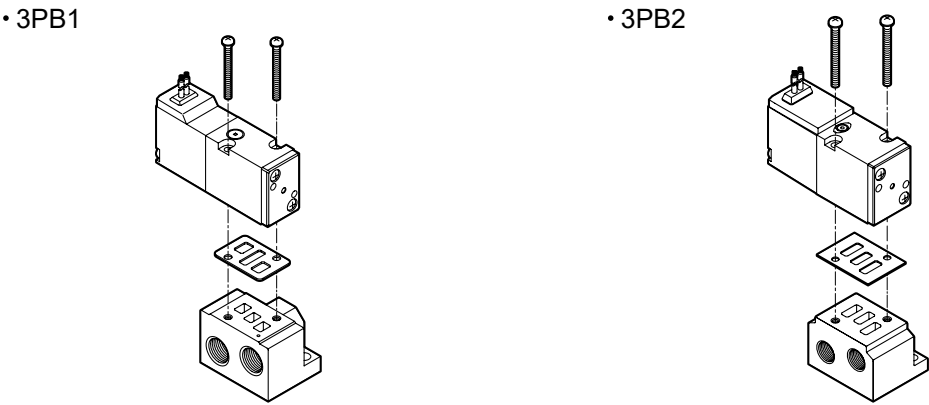
(M)3PA, 3PB Series
 Mounting plate kit/sub-plate kit
 Manifold related parts

Mounting plate kit (single valve)



Model No.	Part model No.	Parts diagram	Quantity
3PA1	3PA1-MOUNT-PLATE-KIT-P		Mounting plate: 1 Mounting screw: 2
3PA2	3PA2-MOUNT-PLATE-KIT-P		

Sub-plate kit (single valve)



Model No.	Part model No.	Parts diagram	Quantity
3PB1	3PB1-[*1]-SUB-BASE-KIT		Discrete sub-plate: 1 Gasket: 1 Mounting screw: 2
3PB2	3PB2-[*1]-SUB-BASE-KIT		

*1: Port size

Manifold related parts

●Masking plate kit (manifold) M3PA* / M3PB*

Model No.	Part model No.	Parts diagram	Quantity
M3PA1	3PA1-MP-KIT		Masking plate: 1 Gasket: 1 Mounting screw: 2
M3PA2	3PA2-MP-KIT		
M3PB1	3PB1-MP-KIT		
M3PB2	3PB2-MP-KIT		

●Gasket kit (manifold) M3PA* / M3PB*

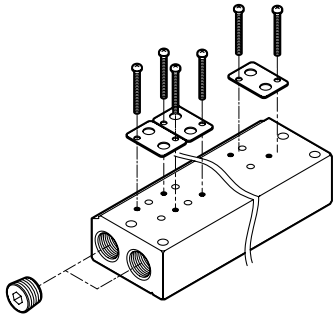
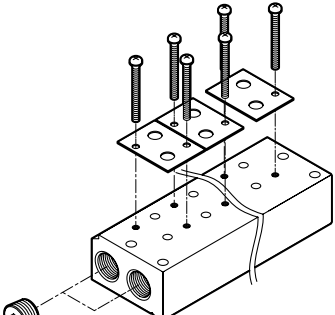
Model No.	Part model No.	Parts diagram	Quantity
M3PA1	3PA1-GASKET-KIT		Gasket: 1 Mounting screw: 2
M3PA2	3PA2-GASKET-KIT		
M3PB1	3PB1-GASKET-KIT		
M3PB2	3PB2-GASKET-KIT		

●Metal plug (with sealant)

Part model No.	Parts diagram	Quantity
4K9-PLUG-R1/8		1
4K9-PLUG-R1/4		
4K9-PLUG-R3/8		
4K9-PLUG-R1/2		

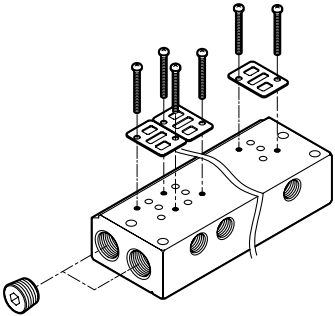
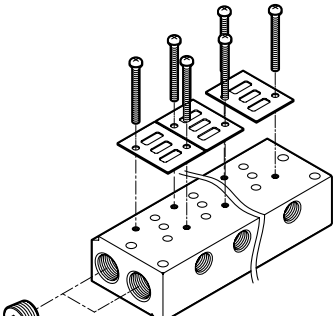
Manifold related parts

●Sub-plate kit (manifold) M3PA*

Model No.	Part model No.	Parts diagram	Quantity
M3PA1	M3PA1-[*1]-SUB-BASE-KIT		Sub-plate: 1 Gasket kit: Station No. Metal plug: 2
M3PA2	M3PA2-[*1]-SUB-BASE-KIT		

*1: Station No.: 2 to 20

●Sub-plate kit (manifold) M3PB*

Model No.	Part model No.	Parts diagram	Quantity
M3PB1	M3PB1-[*1]-[*2]-SUB-BASE-KIT		Sub-plate: 1 Gasket kit: Station No. Metal plug: 2
M3PB2	M3PB2-[*1]-[*2]-SUB-BASE-KIT		

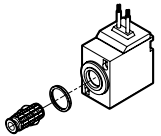
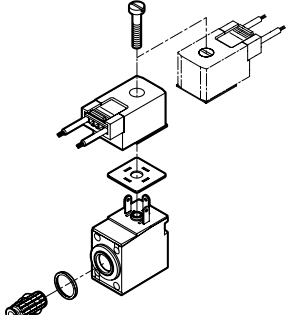
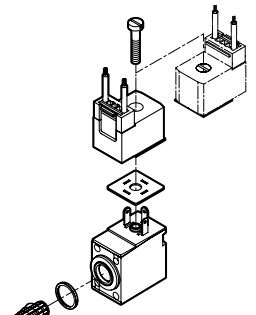
*1: Port size
*3: Station No.: 2 to 20

Manifold related parts
Coil-related part

Coil-related part

●Coil assembly (grommet lead wire, C-, D-connector)

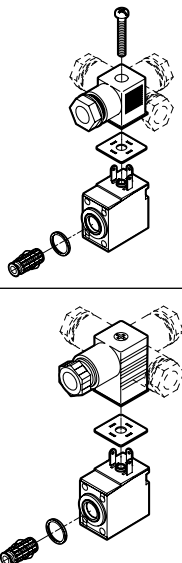
• 3PA1, 3PB1

Electrical connections				Part model No.	Parts diagram
Type	Lead wire (mm)	Surge suppressor	Lamp		
Grommet lead wire	300			3P1-COIL-[*1]	
C-connector	300			3P1-C-COIL-[*1]	
	500			3P1-C00-COIL-[*1]	
	1000			3P1-C01-COIL-[*1]	
	2000			3P1-C02-COIL-[*1]	
	3000			3P1-C03-COIL-[*1]	
	300	●	●	3P1-C2-COIL-[*1]	
	500	●	●	3P1-C20-COIL-[*1]	
	1000	●	●	3P1-C21-COIL-[*1]	
	2000	●	●	3P1-C22-COIL-[*1]	
	3000	●	●	3P1-C23-COIL-[*1]	
				3P1-C1-COIL-[*1]	
		●	●	3P1-C3-COIL-[*1]	
	300			3P1-D-COIL-[*1]	
	500			3P1-D00-COIL-[*1]	
	1000			3P1-D01-COIL-[*1]	
	2000			3P1-D02-COIL-[*1]	
	3000			3P1-D03-COIL-[*1]	
D-connector	300	●	●	3P1-D2-COIL-[*1]	
	500	●	●	3P1-D20-COIL-[*1]	
	1000	●	●	3P1-D21-COIL-[*1]	
	2000	●	●	3P1-D22-COIL-[*1]	
	3000	●	●	3P1-D23-COIL-[*1]	
				3P1-D1-COIL-[*1]	
		●	●	3P1-D3-COIL-[*1]	

*1: Voltage (1 (100 VAC)/2 (200 VAC)/3 (24 VDC)/4 (12 VDC)/110 VAC/220 VAC)

●Coil assembly (compact terminal box)

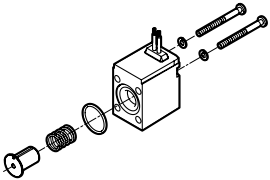
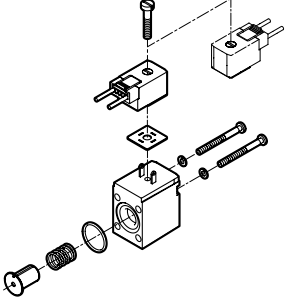
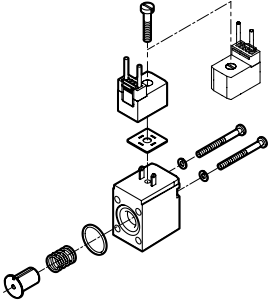
• 3PA1, 3PB1

Electrical connections			Part model No.	Parts diagram
Type	Surge suppressor	Lamp		
Compact terminal box			3P1-B-COIL-[*1]	
		●	3P1-L-COIL-[*1]	
	●	●	3P1-LS-COIL-[*2]	

*1: Voltage (1 (100 VAC), 2 (200 VAC), 3 (24 VDC), 4 (12 VDC) / 110 VAC / 220 VAC)
*2: Voltage (1 (100 VAC), 2 (200 VAC) / 110 VAC / 220 VAC)

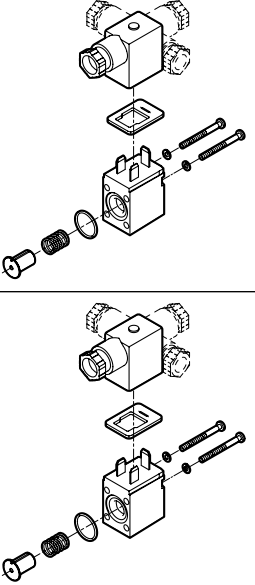
Coil-related part

- Coil assembly (grommet lead wire, C-, D-connector)
- 3PA2, 3PB2

Electrical connections				Part model No.	Parts diagram
Type	Lead wire (mm)	Surge suppressor	Lamp		
Grommet lead wire	300			3P2-COIL-[*1]	
C-connector	300			3P2-C-COIL-[*1]	
	500			3P2-C00-COIL-[*1]	
	1000			3P2-C01-COIL-[*1]	
	2000			3P2-C02-COIL-[*1]	
	3000			3P2-C03-COIL-[*1]	
	300	●	●	3P2-C2-COIL-[*1]	
	500	●	●	3P2-C20-COIL-[*1]	
	1000	●	●	3P2-C21-COIL-[*1]	
	2000	●	●	3P2-C22-COIL-[*1]	
	3000	●	●	3P2-C23-COIL-[*1]	
				3P2-C1-COIL-[*1]	
		●	●	3P2-C3-COIL-[*1]	
D-connector	300			3P2-D-COIL-[*1]	
	500			3P2-D00-COIL-[*1]	
	1000			3P2-D01-COIL-[*1]	
	2000			3P2-D02-COIL-[*1]	
	3000			3P2-D03-COIL-[*1]	
	300	●	●	3P2-D2-COIL-[*1]	
	500	●	●	3P2-D20-COIL-[*1]	
	1000	●	●	3P2-D21-COIL-[*1]	
	2000	●	●	3P2-D22-COIL-[*1]	
	3000	●	●	3P2-D23-COIL-[*1]	
				3P2-D1-COIL-[*1]	
		●	●	3P2-D3-COIL-[*1]	

*1: Voltage (1 (100 VAC), 2 (200 VAC), 3 (24 VDC), 4 (12 VDC) / 110 VAC / 220 VAC)

- Coil assembly (compact terminal box)
- 3PA2, 3PB2

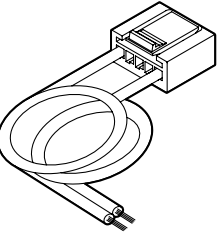
Electrical connections			Part model No.	Parts diagram
Type	Surge suppressor	Lamp		
Compact terminal box			3P2-B-COIL-[*1]	
		●	3P2-L-COIL-[*1]	
	●	●	3P2-LS-COIL-[*1]	

*1: Voltage (1 (100 VAC), 2 (200 VAC), 3 (24 VDC), 4 (12 VDC) / 110 VAC / 220 VAC)

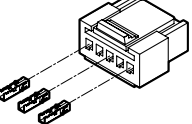
Coil-related parts/electrical connection parts

Electrical connections

- Socket assembly

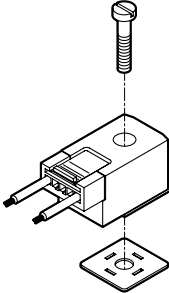
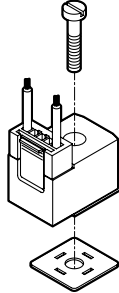
Voltage	Lead wire length	Part model No.	Parts diagram
100 VAC (110 VAC)	300 mm	3P9-SOCKET-F4-603681-300	
	500 mm	3P9-SOCKET-F4-603681-500	
	1000 mm	3P9-SOCKET-F4-603681-1000	
	2000 mm	3P9-SOCKET-F4-603681-2000	
	3000 mm	3P9-SOCKET-F4-603681-3000	
200 VAC (220 VAC)	300 mm	3P9-SOCKET-F4-603682-300	
	500 mm	3P9-SOCKET-F4-603682-500	
	1000 mm	3P9-SOCKET-F4-603682-1000	
	2000 mm	3P9-SOCKET-F4-603682-2000	
	3000 mm	3P9-SOCKET-F4-603682-3000	
24 VDC (12 VDC)	300 mm	3P9-SOCKET-F4-603683-300	
	500 mm	3P9-SOCKET-F4-603683-500	
	1000 mm	3P9-SOCKET-F4-603683-1000	
	2000 mm	3P9-SOCKET-F4-603683-2000	
	3000 mm	3P9-SOCKET-F4-603683-3000	

- Socket

Part model No.	Parts diagram
3P1-SOCKET-F4-605240	

Electrical connections

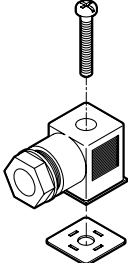
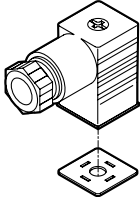
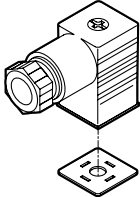
●C-connector, D-connector kit

Electrical connections				Part model No.	Parts diagram
Type	Lead wire (mm)	Surge suppressor	Lamp		
C-connector	300			3P9-CONNECTOR-KIT-C-[*1]	
	500			3P9-CONNECTOR-KIT-C00-[*1]	
	1000			3P9-CONNECTOR-KIT-C01-[*1]	
	2000			3P9-CONNECTOR-KIT-C02-[*1]	
	3000			3P9-CONNECTOR-KIT-C03-[*1]	
	300	●	●	3P9-CONNECTOR-KIT-C2-[*1]	
	500	●	●	3P9-CONNECTOR-KIT-C20-[*1]	
	1000	●	●	3P9-CONNECTOR-KIT-C21-[*1]	
	2000	●	●	3P9-CONNECTOR-KIT-C22-[*1]	
	3000	●	●	3P9-CONNECTOR-KIT-C23-[*1]	
				3P9-CONNECTOR-KIT-C1-[*1]	
		●	●	3P9-CONNECTOR-KIT-C3-[*1]	
D-connector	300			3P9-CONNECTOR-KIT-D- [*1]	
	500			3P9-CONNECTOR-KIT-D00-[*1]	
	1000			3P9-CONNECTOR-KIT-D01-[*1]	
	2000			3P9-CONNECTOR-KIT-D02-[*1]	
	3000			3P9-CONNECTOR-KIT-D03-[*1]	
	300	●	●	3P9-CONNECTOR-KIT-D2-[*1]	
	500	●	●	3P9-CONNECTOR-KIT-D20-[*1]	
	1000	●	●	3P9-CONNECTOR-KIT-D21-[*1]	
	2000	●	●	3P9-CONNECTOR-KIT-D22-[*1]	
	3000	●	●	3P9-CONNECTOR-KIT-D23-[*1]	
				3P9-CONNECTOR-KIT-D1-[*1]	
		●	●	3P9-CONNECTOR-KIT-D3-[*1]	

*1: Voltage (1 (100 VAC), 2 (200 VAC), 3 (24 VDC), 4 (12 VDC) / 110 VAC / 220 VAC)

Electrical connections/terminal box kit
Other optional parts

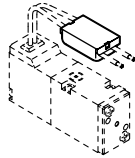
Terminal box kit

Electrical connections	Model No.	Part model No.	Parts diagram
B	3PA1, 3PB1	3P1-DIN-TRM-B	
	3PA2, 3PB2	3P2-DIN-TRM-B	
L	3PA1, 3PB1	3P1-DIN-TRM-L-[*1]	
	3PA2, 3PB2	3P2-DIN-TRM-L-[*1]	
LS	3PA1, 3PB1	3P1-DIN-TRM-LS-[*1]	
	3PA2, 3PB2	3P2-DIN-TRM-LS-[*1]	

*1: Voltage (1 (100 VAC), 2 (220 VAC), 3 (24 VDC), 4 (12 VDC)
*2: The voltage 110 VAC is the same as the 100 VAC and the 220 VAC 200 VAC.

Other optional parts

●Surge suppressor for attachment

Voltage	Part model No.	Parts diagram
100 VAC (110 VAC)	3P9-SURGE-KILLER -AC100V	
200 VAC (220 VAC)	3P9-SURGE-KILLER -AC200V	
24 VDC	3P9-SURGE-KILLER -DC24V	
12 VDC	3P9-SURGE-KILLER- 12 VDC	
24 VDC or less for grommet	3P9-SUPPRESSION-F4-111751	

●Crimp terminal for compact terminal

Part model No.	Parts diagram
3P9-013	