

# Base Mounted Type of Plug-in Manifold Valve for Serial Transmission

With operating switch box

## SS5Y3-45S1BD-X1180

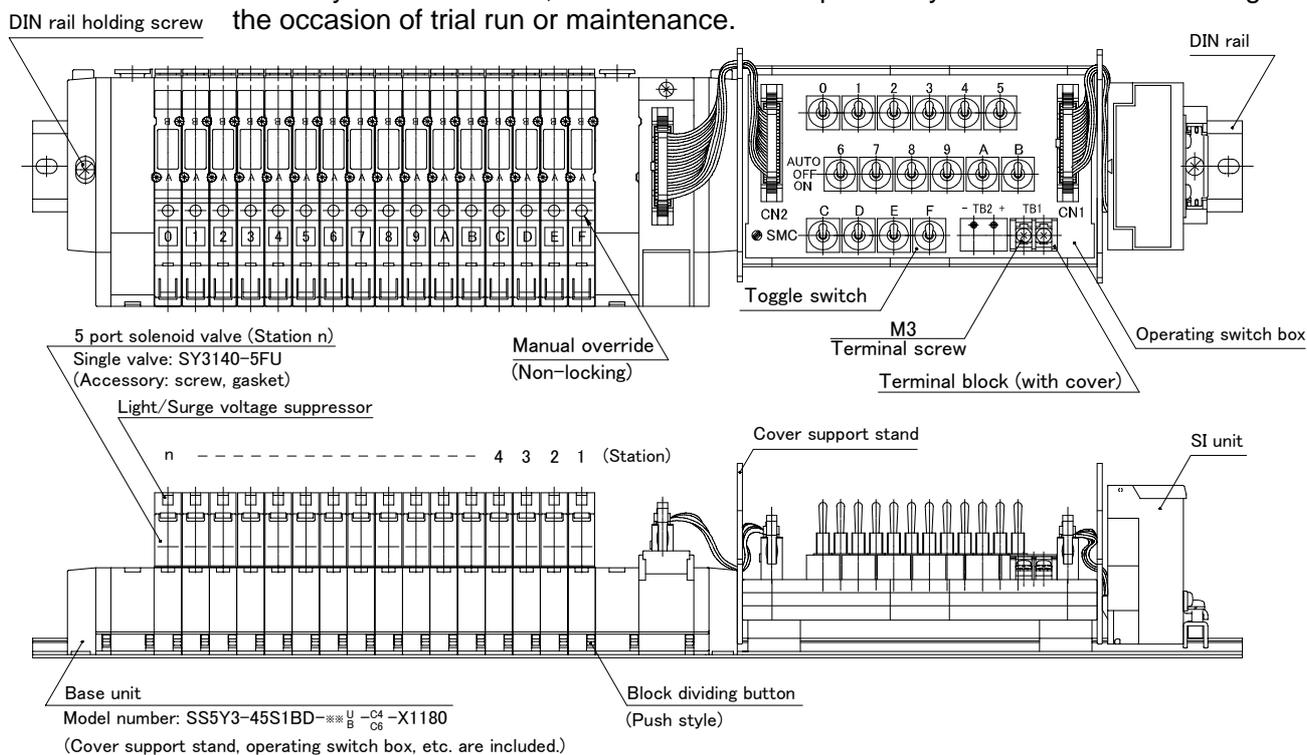
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**Application:** Valves can be operated manually by using operating switches.

By using each corresponding switch on the operating switch box, each valve can be manually switched to ON, OFF and AUTO independently of serial transmission signal on the occasion of trial run or maintenance.



### Feature 1: With operating switch box (ON, OFF and AUTO)

- 1) Switch ON : Valve can be energized with serial transmission signal "OFF".
- 2) Switch OFF : Valve can be non-energized with serial transmission signal "ON".
- 3) Switch AUTO : Valve operation with usual serial transmission is available.

### Feature 2: With serial transmission unit

- 1) Applicable to SI Unit (MELSEC-A) made by Mitsubishi Electric Corporation.

### Feature 3: DIN rail mounted type

### Specifications

#### 【Solenoid valve】

- Type: SY3140-5FU (rated voltage: 24VDC, 0.55W, this includes LED)  
⇒ Please refer to our "Best Pneumatics 1" (general catalog) for specifications.

#### 【Valve manifold】

- This includes the serial transmission unit (Mitsubishi's MELSEC-A) and the operating switch box.  
⇒ Please contact your SMC sales representative for specifications and technical materials.

# How to Order

## SS5Y3-45S1BD-16 B-C6-X1180

Number of stations (\*1)

02	2 stations
:	:
16	16 stations

A, B port size

C4	Ø4 One-touch fitting
C6	Ø6 One-touch fitting

SUP/EXH block Assembly mounting position

U	U side (2 to 10 stations)
D	D side (2 to 10 stations)
B	Both sides (2 to 16 stations)

\*1) SY3140-5FU is assembled according to the number of stations (n) before shipping.

【Manifold option】 (Please place an order separately according to need.)

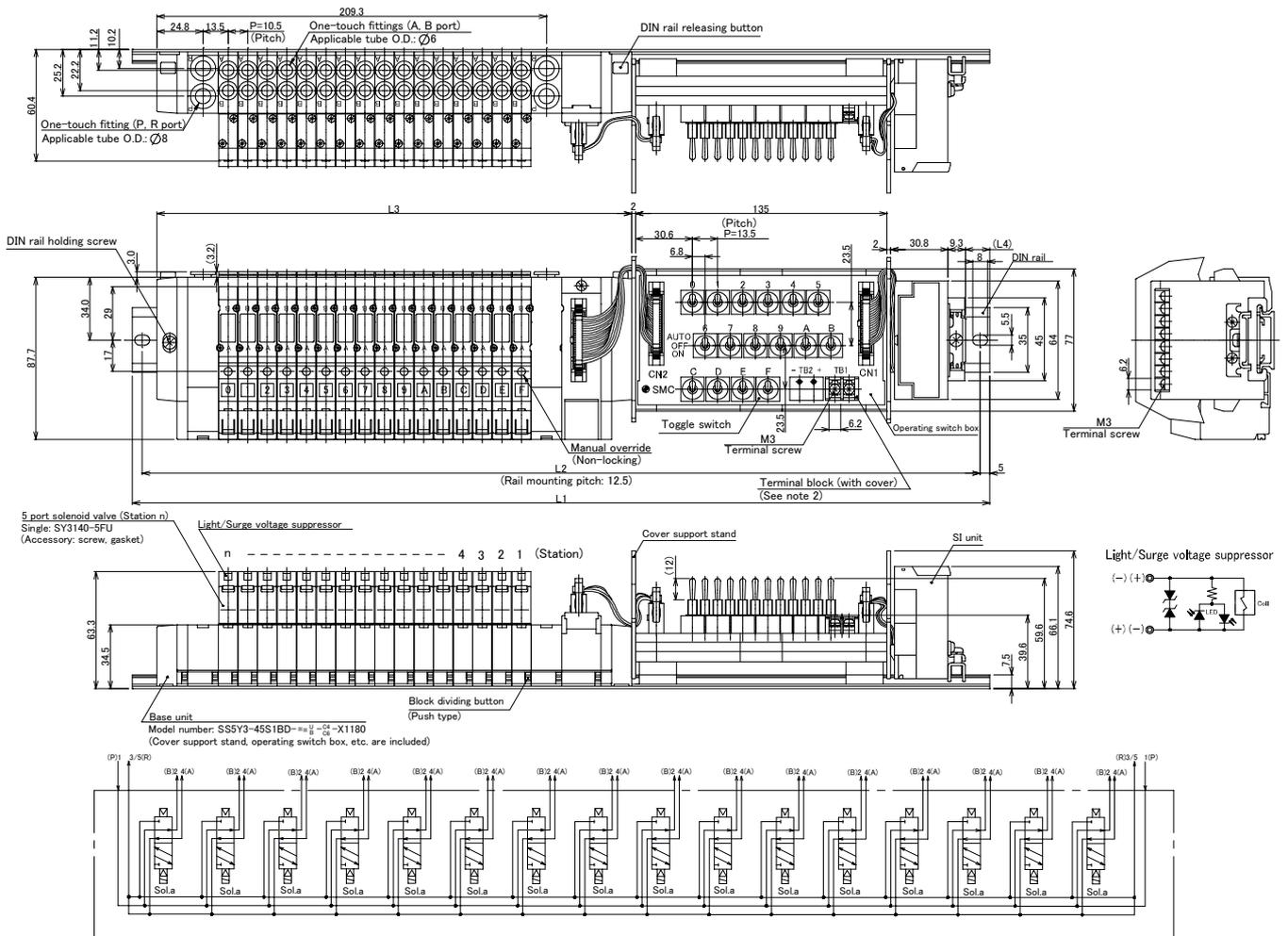
Applicable blanking plate Assembly: SX3000-75-2A (equipped with screws, gasket and short cap)

Cover (for switch box): SX3000-172-1

SI unit only: EX121-SMB1-X4

## Dimensions: mm

(This drawing shows "SS5Y3-45S1BD-16B-C6-X1180".)



Pneumatic circuit

(Refer to the table of dimensions, table 1 and notes on following page.)

L: Dimensions (SUP/EXH block, U and D sides) n: Number of valve station

L \ n	2	3	4	5	6	7	8	9	10
L1	285.5	298	310.5	310.5	323	335.5	348	360.5	373
L2	275	287.5	300	300	312.5	325	337.5	350	362.5
L3	75	85.5	96	106.5	117	127.5	138	148.5	159
L4	15.5	16.5	17.5	12.5	13.5	14.5	15.5	16.5	17.5
**	02	03	04	05	06	07	08	09	10

L: Dimensions (SUP/EXH block, both sides) n: Number of valve station

L \ n	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	298	310.5	323	335.5	348	348	360.5	373	385.5	410.5	423	435.5	448	448	460.5
L2	287.5	300	312.5	325	337.5	337.5	350	362.5	375	400	412.5	425	437.5	437.5	450
L3	91.5	102	112.5	123	133.5	144	154.5	165	175.5	202.5	213	223.5	234	244.5	255
L4	13.5	14.5	15.5	16.5	17.5	12.5	13.5	14.5	15.5	14.5	15.5	16.5	17.5	12	13
**	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16

Table 1: Valve stations and SI unit output number (ex.: Station manifold)

Valve stations (*1)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Toggle switch symbol	F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
SI unit output number	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

\*1) Toggle switch symbol for the "n" station is "0". (n: Number of valve station)

Note 1: Please contact your SMC sales representative for handling of SI unit (Mitsubishi's MELSEC-A).

Note 2: Please refer to Technical Material provided by Mitsubishi for details on MELSEC-A.

Note 3: Terminal block on switch box applies electrical signals during AUTO state checking.

Do not apply electrical signals during operation.



To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" (general catalog) before use.