

INSTRUCTION SHEET (2)

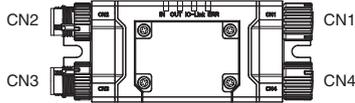
© OMRON Corporation 2019 All Rights Reserved.

2865531-7C

Precautions for Compliance with UL Standards, CSA Standards

- Environment
for Indoor use only
Altitude: 2,000 m max.

●I/O Wiring Diagram



CN2			
1	RESET/EDM	Yellow	1
2	24V/0V	Brown	2
3	MUTE A/PRE-RESET/PSDI	Gray	3
4	MUTE B	Pink	4
5	OSSD 1	Black	5
6	OSSD 2	White	6
7	0V/24V	Blue	7
8	AUX	Red	8

CN1			
1	RESET/EDM		
2	+24V		
3	COM(+)		
4	COM(-)		
5	OSSD 1		
6	OSSD 2		
7	0V		
8	AUX		

CN3			
1	L+	Brown	1
2	DO	White	2
3	L-	Blue	3
4	C/Q	Black	4
5	Not used	Yellow	5

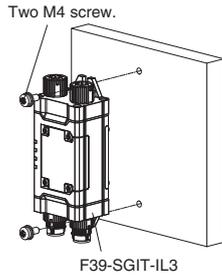
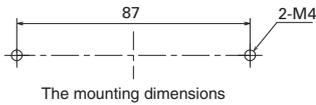
CN4			
1	+24V		
2	TEST		
3	0V		
4	COM(+)		
5	SIO-		

The wire colors are those of the F39-JG□A-D to be connected to the CN2.

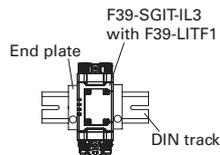
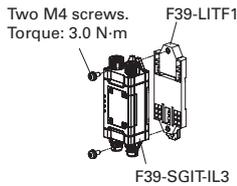
The wire colors are those of the XS5F-D521-DJ0-IL to be connected to the CN3.

●Installation method

- Attach F39-SGIT-IL3 with M4 screws.
- The mounting dimensions are shown below.

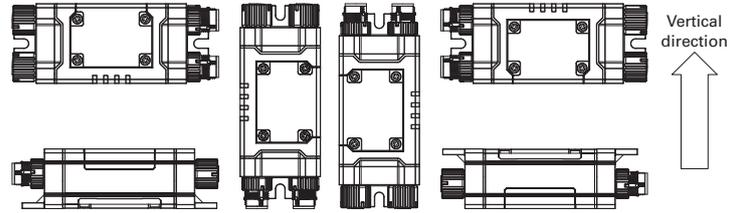


- When using Intelligent Tap Bracket F39-LITF1, attach F39-SGIT-IL3 with M4 screws. Tightening torque of the screws is 3.0 N·m.



●Direction for installation

Mounting is possible in any of the following 6 orientations.



●Protection of unused M12 Connectors

Be sure to protect unused M12 Connectors with waterproof covers (XS2Z-11 and XS5Z-11).

●Tool for M12 Threaded Connectors

CN1, CN2, CN3, CN4 (when connected with cable):

When connecting the connectors with the cables in the Table 1, it is not necessary to control locking torque. When connecting the connectors with the cables without in the Table 1, use the following tool in the Table 2 to attach connector of the cable to the connector of the F39-SGIT-IL3.

Table 1.

Item	Connector	Model	Manufacture
Extended Plug-Socket Cable for Receiver	CN1, CN2	F39-JG□B-D	Omron Corporation
Extended Socket-Straight Cable for Receiver	CN2	F39-JG□A-D	
Extended Socket-Straight Cable	CN3	XS5F-D521-DJ0-IL	
Extended Plug-Socket Cable for Emitter	CN3, CN4	F39-JG□B-L	

CN3 (when not connected with cable):

Use the following tool to attach M12 threaded connector cover (XS2Z-11) to the CN3. Tightening torque of the screws is 0.39 to 0.49 N·m.

Table 2.

Item	Model	Manufacture
Torque wrench	XY2F-0004	Omron Corporation

CN4 (when not connected with cable):

When not connecting the connector with a cable, attach the M12 connector cover (XS5Z-11) to the CN4. It is not necessary to control locking torque.

●Cleaning

Do not use paint thinner or similar chemical to clean with.

Conformance to KC Standards

Observe the following precaution if you use F39-SGIT-IL3 in Korea.

사용자안내문

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

In the interest of product improvement, specifications are subject to change without notice.

OMRON Corporation (Manufacturer)

Shioikoji Horikawa, Shimogyo-ku, Kyoto, 600-8530 JAPAN

Contact: www.ia.omron.com

Regional Headquarters

■ OMRON EUROPE B.V. (Importer in EU)

Wegalaan 67-69-2132 JD Hoofddorp
The Netherlands
Tel: (31)2356-81-300/Fax: (31)2356-81-388

■ OMRON ELECTRONICS LLC

2895 Greenspoint Parkway, Suite 200
Hoffman Estates, IL 60169 U.S.A.
Tel: (1) 847-843-7900/Fax: (1) 847-843-7787

■ OMRON ASIA PACIFIC PTE. LTD.

No. 438A Alexandra Road # 05-05/08 (Lobby 2),
Alexandra Technopark,
Singapore 119967
Tel: (65) 6835-3011/Fax: (65) 6835-2711

■ OMRON (CHINA) CO., LTD.

Room 2211, Bank of China Tower,
200 Yin Cheng Zhong Road,
PuDong New Area, Shanghai, 200120, China
Tel: (86) 21-5037-2222/Fax: (86) 21-5037-2200