

## Applicable Products for CC-Link IE TSN Industrial Managed Ethernet Switch

**■Date of Issue**

November 2021 (Ver. B: June 2023)

**■Relevant Models**

NZ2MHG-TSNT8F2 and NZ2MHG-TSNT4

Thank you for your continued support of Mitsubishi Electric programmable controllers.

We will introduce applicable products for the industrial managed switch corresponding to CC-Link IE TSN.

For the production state of each applicable product, contact its manufacturer.

Classification	Description
Applicable product	A product that satisfies the interface specifications of the modules manufactured by Mitsubishi Electric Corporation. Note that we do not conduct a verification of the applicable products. Before using those products, examine the applicability and confirm that it will not cause system operation problems. In addition, follow the specifications of the applicable product when using it.

## 1 PRECAUTIONS

Specifications of the applicable products are subject to change without notice.

Before using those products, please read "SAFETY PRECAUTIONS" of the CC-Link IE TSN Industrial Managed Switch User's Manual. For precautions on the connecting, disconnecting, and wiring, refer to the manuals of each product used.

## 2 SFP MODULE

The following models are available only for the NZ2MHG-TSNT8F2.

Product	Model	Supplier
SFP module for 1Gbps	SFP-1GSXLC-T	Moxa Inc.
SFP module for 100Mbps	SFP-1FEMLC-T	

## 3 OPTICAL FIBER CABLE

The following models are available only for the NZ2MHG-TSNT8F2.

□ represents the cable length.

Product	Model	Supplier
Optical fiber cable	QG-G50-2C-□M-AW-LL	Mitsubishi Electric System & Service Co., Ltd.
	QG-G50-2C-□M-B-LL	
	QG-G50-2C-□M-BU-LL	
	QG-G50-2C-□M-VCT-LL	
	QG-G50-2C-□M-C-LL	
	QG-G50-2C-□M-DL-LL	

## 4 USB MEMORY

To connect a USB memory to the industrial managed Ethernet switch (NZ2MHG-TSNT8F2 or NZ2MHG-TSNT4), use one of the following models.

Product name	Model	Supplier
Backup configurator*1	ABC-02-USB	Moxa Inc.
	ABC-02-USB-T	

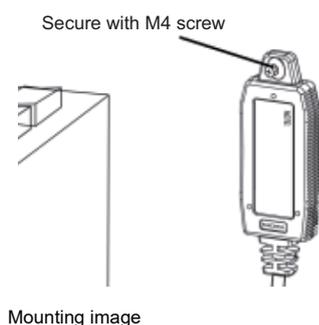
\*1 The operating ambient temperature and storage ambient temperature differ between the ABC-02-USB and ABC-02-USB-T.

**Point** 

The above products have been verified by Moxa Inc. for the connection with the NZ2MHG-TSNT8F2 and NZ2MHG-TSNT4. Use those products according to their specifications.

### 4.1 Mounting Procedure

1. Check the insertion direction and insert the USB memory into the connector.
2. When the USB memory is always attached to the connector, the USB memory must be fixed. Prepare one M4 screw. Fix the USB memory to the wall by tightening the screw as shown below.



**Point** 

Before tightening the screw, confirm that the size of the screw head matches the hole on the USB memory.

### 4.2 Removing Procedure

1. Check that the LED on the USB memory is not blinking, and then pull out the USB memory from the connector.

### 4.3 Precautions On USB Memory

- The USB memory other than the above cannot be used with the industrial managed Ethernet switch.
- Do not perform the following operations while the USB memory is being accessed; powering OFF or resetting the industrial managed Ethernet switch or removing the USB memory. Doing so may cause corruption of data in the USB memory. (While the USB memory is being accessed, the LED on the USB memory blinks and the LED indication on the NZ2MHG-TSNT8F2 or NZ2MHG-TSNT4 changes as follows; RUN LED blinks in green → ERR LED blinks → SYNC LED blinks in green → RUN LED blinks in green.)

## 5 MODULE MOUNTING BRACKET

To mount an industrial managed switch on the wall directly, use the following module mounting bracket.

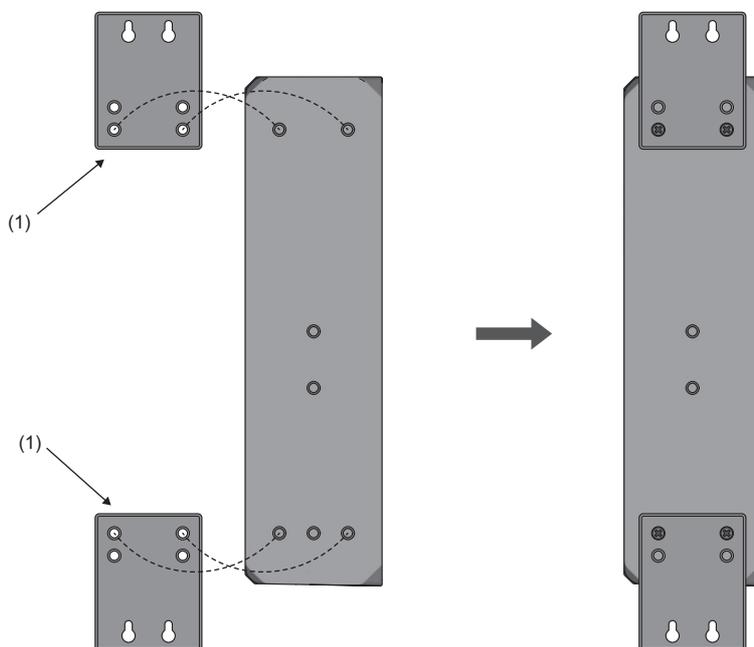
Product	Model	Supplier
Wall-mounting kit	WK-30-02	Moxa Inc.

**Point** 

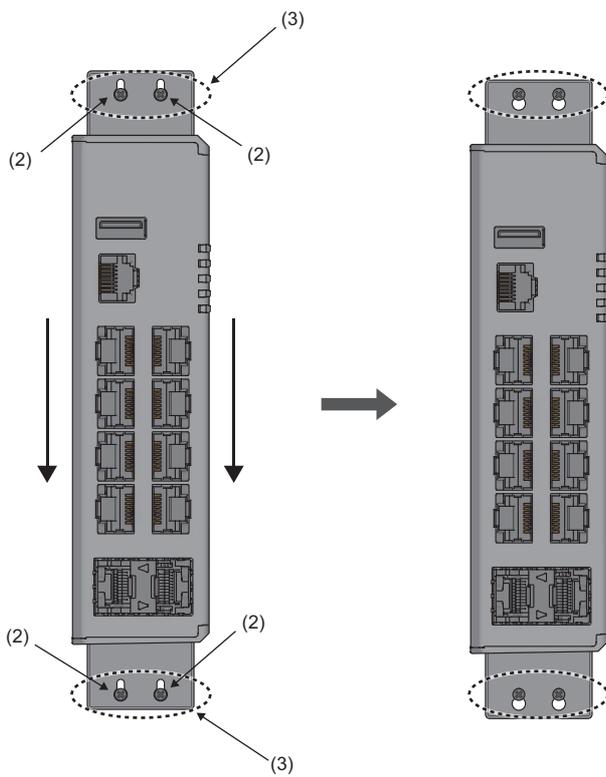
Use the suitable screws for the size of the hole on the wall-mounting kit.

### 5.1 Mounting Procedure

This section describes how to mount an industrial managed switch directly on the wall.



1. Remove the DIN rail mounting kit from the industrial managed switch, and attach the wall-mounting kit (1) to the industrial managed switch.
2. Mark the screw tightening positions on the wall while using the industrial managed switch with the wall-mounting kit (1) as a guide.



3. Prepare four screws (2) supplied with the wall-mounting kit (head diameter: 6mm or less, shaft diameter: 3.5mm or less). Tighten the screws loosely to the marked positions (3) on the wall. Do not tighten the screws completely to slide the wall-mounting kit between the screws and the wall.
4. Thread the four keyhole-shaped openings on the wall-mounting kit through the four screws on the wall. Slide down the industrial managed switch and tighten the four screws.

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**REVISIONS**

Version	Date of Issue	Revision
A	November 2021	First edition
B	June 2023	Addition of NZ2MHG-TSNT4 and USB memory

**TRADEMARKS**

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