MITSUBISHI ELECTRIC

TECHNICAL BULLETIN

FA-A-0216-A

Production discontinuation of 10/100M industrial switching HUB, NZ2EHF-T8

■Date of Issue

October 2016 (Ver. A: January 2019)

■Relevant Models

NZ2EHF-T8

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

Production of the industrial switching HUB, NZ2EHF-T8, will be discontinued.

1 Model to be discontinued

Product	Model
10/100M industrial switching HUB	NZ2EHF-T8

2 Schedule

Transition to made-to-order: June 1, 2018

Order acceptance: Through October 1, 2018

Production discontinuation: October 31, 2018

3 Reason for discontinuation

Some parts of the above product are now obsolete, and we will have difficulty to maintain our production system.

4 Repair support

Repair support period: Until October 31, 2024 (for six years after the discontinuation of production)

Repair support period is for six years after the discontinuation of production because this product was jointly developed and manufactured by Mitsubishi and CONTEC.

5 Alternative models

The following products are available as alternatives.

Product	Model
10/100/1000M industrial switching HUB	NZ2EHG-T8N (manufactured by Mitsubishi Electric Corporation)
Industrial managed switch	NZ2MHG-T8F2 (manufactured by Mitsubishi Electric Corporation)
Industrial switching hub	DT135TX (Mitsubishi Electric System & Service Co., Ltd.)

MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE : TOKYO BUILDING, 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
NAGOYA WORKS : 1-14 , YADA-MINAMI 5-CHOME , HIGASHI-KU, NAGOYA , JAPAN

6 Comparison of specifications

6.1 Performance specifications

Item	NZ2EHF-T8	NZ2EHG-T8N	NZ2MHG-T8F2	DT135TX
Ethernet standards	IEEE802.3(10BASE-T)/ IEEE802.3u(100BASE-TX)-compliant	IEEE802.3(10BASE-T)/ IEEE802.3u(100BASE-TX)/ IEEE802.3ab(1000BASE-T)-compliant	IEEE802.3(10BASE-T)/ IEEE802.3u(100BASE-TX)/ IEEE802.3ab(1000BASE-T)/ IEEE802.3z(1000BASE-SX)/ IEEE802.3z(1000BASE-LX)-compliant	IEEE802.3(10BASE-T)/ IEEE802.3u(100BASE-TX)/ IEEE802.3ab(1000BASE-T)-compliant
Data communication rate	10/100Mbps (auto-negotiation)	10/100/1000Mbps (auto-negotiation)	10/100/1000Mbps (auto-negotiation)*1	10/100/1000Mbps (auto-negotiation)
Communication method	Full-duplex/Half-duplex (auto-negotiation)		Full-duplex*2	Full-duplex/Half-duplex
Number of effective ports	RJ45 connector: 8		• RJ45 connector (Ethernet port): 8 (Two of them cannot be used with the optical fiber ports at the same time.) • SFP connector (optical fiber port): 2	RJ45 connector: 5
Power supply voltage	12 to 24VDC (11.4 to 25.2VDC)		24VDC (20.4 to 28.8VDC)	12 to 24VDC (10.8 to 26.4VDC)
Power consumption (Max.)	0.22A at 12VDC 0.15A at 24VDC	0.65A at 12VDC 0.35A at 24VDC	1.20A at 24VDC (Maximum inrush current: 60A within 1ms)	0.23A at 24VDC
External dimensions (mm)	94(H) × 52.4(W) × 64.7(D) (excluding protrusions)	94(H) × 39(W) × 120(D) (excluding protrusions)	147(H) × 70(W) × 122(D)	112(H) × 26(W) × 102(D) (including DIN rail attachment and power supply terminal block)
Weight	0.16kg	0.36kg (0.41kg with a DIN rail mounting bracket or two mounting brackets)	0.95kg	0.27kg (including DIN rail attachment and power supply terminal block)
Installation method	35mm DIN rail	35mm DIN rail or on the wall		35mm DIN rail

*1 Auto-negotiation is supported only when the communication speed is set to default. In addition, the communication speed cannot be set to 10Mbps or 100Mbps. (For details, refer to the Industrial Managed Switch User's Manual.)

*2 Do not connect the industrial managed switch with a device which communicates in half-duplex mode. If it is connected with such a device, re-transmission is not executed when a collision occurs.

6.2 General specifications

Item	NZ2EHF-T8	NZ2EHG-T8N	NZ2MHG-T8F2	DT135TX
Operating ambient temperature	0 to 50℃		0 to 60℃	-10 to 55℃
Storage ambient temperature	-10 to 60℃		-25 to 75℃	—
Operating ambient humidity	10 to 90%RH (non-condensing)		5 to 95%RH (non-condensing)	95%RH or less (non-condensing)
Storage ambient humidity				
Floating dust particles	Tolerant of small amounts (non-excessive)		Less conductive dust	—
Corrosive gases	None		None (No flammable gases either)	—
Grounding	Ground the FG terminal to the protective ground conductor.			
Installation location	Inside a control panel			

7 Relevant manuals

When replacing the industrial switching HUB to be discontinued with a Mitsubishi product, refer to the following manuals.

• NZ2EHG-T8N

Manual name	Manual number (Model code)
10/100/1000M Industrial Switching HUB NZ2EHG-T8N User's Manual	IB-0800554(13J026)

• NZ2MHG-T8F2

Manual name	Manual number (Model code)
Industrial Managed Switch User's Manual	SH-081612ENG(13JX49)

REVISIONS

Version	Date of Issue	Revision
-	October 2016	First edition
A	January 2019	Available for e-Manual Viewer