

Production Discontinuation of Network Modules Designed for MR-J4-TM Due to Changes in Ethernet PHY

Thank you for your continued patronage of the Mitsubishi Electric AC servo system. The Ethernet PHY of the network modules designed for MR-J4-TM manufactured by HMS Industrial Networks (Anybus CompactCom M40) will be changed, and the production of the network modules before Ethernet PHY change will be discontinued. The network modules after Ethernet PHY change can be used as a replacement.

1. Target Model

MR-J4-TM series

2. Network Modules to Be Discontinued

The production of the network modules before Ethernet PHY change will be discontinued. If you plan to purchase a network module in September 2023 or later, please purchase the successor model.

Table 1. Production discontinuation

| Network | Network module | | |
|--------------|----------------|--|-----------------|
| | Product name | Model to be discontinued | Successor model |
| EtherCAT® | ABCC-M40-ECT | AB6916-C-215 AB6916-C-203 AB6916-C AB6916-B | AB6916-D-224 |
| EtherNet/IP™ | ABCC-M40-EIP | AB6927-C | AB6927-D-158 |
| PROFINET® | ABCC-M40-PIR | AB6938-C-139 AB6938-C | AB6938-D-205 |

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|----------------------|----------------|--------------|--|--|
| Date of issue | September 2023 | Title | Production Discontinuation of Network Modules Designed for MR-J4-TM Due to Changes in Ethernet PHY | Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line |
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3. Details of the Change

The main changes in the network modules are as follows. For details, contact HMS Industrial Networks.

Table 2. Main changes

| Network | Product name of the network module | Model name of the network module |
|--------------|------------------------------------|----------------------------------|
| EtherCAT® | ABCC-M40-ECT | AB6916-D-224 (Note 1, 2) |
| EtherNet/IP™ | ABCC-M40-EIP | AB6927-D-158 (Note 3, 4, 5) |
| PROFINET® | ABCC-M40-PIR | AB6938-D-205 |

- Note
1. The access rule of Obj. 1C32h Sub Index 2 "Cycle Time" has been changed from "rw" to "ro". When setting the communication cycle, use the ESC register compliant with the EtherCAT® standard.
 2. Contact your local sales office when the software version of the servo amplifier is B1 or earlier (manufactured before August 2017).
 3. Ins ID: 1, Attr: 12 "Supported Language List" in Identity Object (Class ID: 01h) has been removed. Use Ins ID: 1, Attr: 30 "Supported Language List 2" instead.
 4. Ins ID: 1, Attr: 2 "DSCP PTP Event" and Ins ID: 1, Attr: 3 "DSCP PTP General" have been added to QoS Object (Class ID: 48h).
 5. LLDP Management Object (Class ID: 109h) and LLDP Data Table Object (Class ID: 10Ah) have been added.

4. Schedule

This change will be made from the September 2023 production.

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