



**TECHNICAL BULLETIN**

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FAM-A-0048-A

## **Production Discontinuation of the Data Logging Analyzer MELQIC**

■Date of Issue

April 2022

■Relevant Models

MELQIC IU1 and IU2 series

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Thank you for your continued support of Mitsubishi Electric data logging analyzer MELQIC.

At this time we would like to announce that the production of the data logging analyzer MELQIC IU1 and IU2 series have already ended for the reason stated in Page 3 REASON FOR PRODUCTION DISCONTINUATION.

We appreciate your kind understanding.

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## 1 MODELS FOR WHICH PRODUCTION WILL BE DISCONTINUED

We have already finished production of the following MELQIC IU1 and IU2 series products.

Product	Model
MELQIC main unit	IU1-1M20-D, IU2-3M10, IU2-3M10L, IU2-4M10HA, IU2-4M10HA-E, IU2-5M10, IU2-5M10-E, IU2-5M10L
Extension rack	IU2-12B, IU2-12B-E
Data logging kit	IU2-LOG-KIT1
General I/O board	IU2-64EDI-CMOS, IU2-64EDO-CMOS, IU2-64EDI-CP, IU2-64EDO-TR, IU2-16EDIO-CMOS, IU2-32EDIO-CMOS, IU2-16EDIO-CPTR, IU2-32EDIO-CPTR, IU2-32EDIO-CT/S
Analog board	IU2-16EAD-20M, IU2-16EAD-30M, IU2-8EDA-100M, IU2-18EAD-100H, IU2-2EAD-110H
MES interface board	IU2-1EMES
Communication function board	IU2-1ECAN-100, IU2-1EGPIB, IU2-1ECLM-100, IU2-1EDN-100, IU2-4EUSB-20, IU2-2E485-115K, IU2-2E485-38K IU2-2E232-115K, IU2-2E232-38K
Special function board	IU2-4ECN-10M, IU2-4EPG-2M, IU2-16ETC-20M, IU2-1ERGB-100
Inspection specialization board	IU2-16EIB-CP, IU2-8EIB-TR
Extension rack connection board	IU2-EBR1-50, IU2-EBR2-50
Option	IU1-7DM, IU2-BR-50CAB, IU2-96P-CAB, IU2-50P-CAB, IU2-36P-CAB, IU2-50P-CAB-TC, IU2-96TB, IU2-50TB, IU2-36TB IU2-50TB-TC, IU2-BATT*1, IU2-RATT-10, IU2-RATT-20, IU2-RATT-30, IU2-96SW-5, IU2-96SW-24
Application development environment	SW1DNC-IUDE2
Data transfer tool	SW1DNC-IUTRF
Communication middleware	SW1DNC-IULNK
Communication middleware (Product with multiple licenses)	SW1DNC-IULNKA
Communication middleware (Product with additional licenses)	SW1DNC-IULNKAZ
Driver (IU Drivers)	SW1DNC-IUDRV
Manual/Text	IU1-1M20-HW-J, SW-IUDE2-O-J, SW-IUDE2-P-J, IU2-KISO-TEXT

\*1 After production discontinuation of the battery IU2-BATT for MELQIC IU2-5M10L, IU2-5M10(-E), and IU2-4M10HA(-E), the battery of the MELSEC-F series F2-40BL has been the substitute model. However, the external dimensions of F2-40BL will be changed on and after June 2022. After the change, the F2-40BL will no longer be available for the MELQIC series. We will provide the battery IU2-BATT dedicated to the MELQIC series only for the following period. When you need the battery, please consult your local Mitsubishi representative.

Period for supply of IU2-BATT: May 2022 to the end of September 2027

The FX3U-32BL, a battery for the MELQIC IU1-1M20-D, IU2-3M10(L), and IU2-1EMES, is continuously produced as a MELSEC-F series product.

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## 2 TIME OF PRODUCTION DISCONTINUATION AND REPAIR ACCEPTANCE PERIOD

- Date of order acceptance deadline: June 30, 2020
- Date of production discontinuation: September 30, 2020
- Repair acceptance period: September 30, 2027

We have already finished accepting orders at the end of June 2020, and discontinued production when the production for accepted orders was finished.

Please note that we cannot accept requests for repair if replacement parts are no longer available even within the repair acceptance period.

## 3 REASON FOR PRODUCTION DISCONTINUATION

The main parts, the CPU (microprocessor) and dedicated IC, cannot be obtained.

## 4 SUBSTITUTE MODEL (ALTERNATIVE PROPOSAL)

MELSEC iQ-R series C Controller module R12CCPU-V

■ Specification comparison with substitute model

Item	MELQIC main unit			C Controller module
Model	MELQIC IU1 series IU1-1M20-D	MELQIC IU2 series IU2-3M10 IU2-3M10L	MELQIC IU2 series IU2-4M10HA(-E) IU2-5M10(-E) IU2-5M10L	MELSEC iQ-R series C Controller module R12CCPU-V
Work RAM	128MB	64MB	32MB	256MB
Standard ROM	32MB	5.5MB	5.5MB	16MB
Backup RAM	256KB	256KB	256KB	4MB
Memory card	SD Card × 1 slot	CF Card × 1 slot	PC Card × 1 slot	SD Card × 1 slot
Communication interface	Ethernet 10BASE-T/100BASE-TX × 1ch	Ethernet 10BASE-T/100BASE-TX × 1ch	Ethernet 10BASE-T/100BASE-TX × 1ch	Ethernet 10BASE-T/100BASE-TX/ 1000BASE-T × 2ch
External interface	(RS-232C × 1ch is only for GOT connection) USB host (High Speed) × 1ch USB device (Full Speed) × 1ch	RS-232C × 1ch USB device (Full Speed) × 1ch	RS-232C × 1ch USB device (Full Speed) × 1ch	RS-232C × 1ch USB host (High Speed) × 1ch
OS	VxWorks®	VxWorks®	VxWorks®	VxWorks®
Programming environment	IU Developer2 textual language	Microsoft®Visio®*1 + IU Developer	Microsoft®Visio®*1 + IU Developer	CW Workbench/ Wind River Workbench3.3
Programming language	Textual language	Flowchart, BLD (Block diagram) and so on	Flowchart, BLD (Block diagram) and so on	C language, C++ language

\*1 Visio® is supported up to Version2016. (For operation environment, refer to the IU Developer instruction manual (Operation).)

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**REVISIONS**

Version	Date of Issue	Revision
A	April 2022	Changed the issue number from HIME-T-P-0197A. Changed the notes about the substitute for the IU2-BATT.

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