



Product Service

# EC-Certificate of Conformity

No. E9 05 02 22021 189

**Holder of Certificate:** Yaskawa Electric Corp.  
Tokyo Plant

480 Kamifujisawa, Iruma  
Saitama 358-8555  
JAPAN

**Name of Object:** Industrial, Scientific and Medical  
equipment  
Machine Controller

This EC-Certificate of Conformity is issued according to Article 10.2 of the Council Directive 89/336/EEC on the harmonization of the laws of the Member States relating to electromagnetic compatibility. It was transposed into the "Gesetz über die elektromagnetische Verträglichkeit von Geräten vom 18. September 1998 (EMVG, § 4 (2))". This Certificate does not contain any statement pertaining to the EMC protection requirements governed by other laws to implement EC Directives other than the aforementioned Council Directive 89/336/EEC. See also notes overleaf.

**Test report no.:** TYOEMC19931A



**Date,** 2005-02-17

TÜV Product Service GmbH is Competent Body in accordance with EMC Directive 89/336/EEC (BMPT VFG. 91/1992).

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**Model(s):**

**MP2300 Series:**  
**Type of a Base:**  
**Main Unit: JAPMC-PS2300**  
**Main Unit: JAPMC-MB2300**  
**Main Unit: JAPMC-CP2300**  
**MP2200/MP2300 Series**  
**Type of Base:**  
**218IF: JAPMC-CM2300\***  
**217IF: JAPMC-CM2310\***  
**260IF: JAPMC-CM2320\***  
**261IF: JAPMC-CM2330\***  
**LIO-01: JAPMC-IO2300\***  
**LIO-02: JAPMC-IO2301\***  
**LIO-04: JAPMC-IO2303\***  
**LIO-05: JAPMC-IO2304\***  
**DO-01: JAPMC-DO2300\***  
**SVA-01: JAPMC-MC2300\***  
**SVB-01: JAPMC-MC2310\***  
**Type of a MP2300 Unit:**  
**JEPMC-MP2300**  
**JEPMC-MP2300-Yxx**  
**JEPMC-MP2300N**  
**MP2200 Series:**  
**Type of a Base:**  
**Basis Unit: JAPMC-PS2200**  
**Basis Unit: JAPMC-PS2210**  
**Basis Unit: JAPMC-MB2200**  
**CPU-01: JAPMC-CP2200\***  
**EXIOIF: JAPMC-EX2200\***  
**CPU-01N: JAPMC-CP2200N**  
**Type of a MP2200 Unit:**  
**JEPMC-BU2200\***  
**JEPMC-BU2210\***  
**JEPMC-BU2200N**  
**JEPMC-BU2210N**  
**\*: blank or Tx**  
**x: Number**  
**see Attachment for Nomenclature**

**Description of Object:**

85VAC-275VAC, 24VDC, 40W  
 Protection Class III



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Nomenclature

<Type of a Base>

JAPMC — \* \* \* \* \*  
 ①            ②    ③    ④    ⑤

- ①: Mark for showing a product group name  
JAPMC: A base of Machine controller (Option base module)
- ②: Mark for being simplified of function  
PS: Power supply  
MB: Mounting base  
CP: CPU  
MC: Motion control  
CM: Communication  
PL: Pulse input and output  
IO: Digital input and output points  
AN: Analog input and output points  
EX: Expansion
- ③: Number for showing a series name  
23: MP2200 and MP2300 series use together  
22: MP2200 series
- ④: Number for showing the different modules which are in the same series.
- ⑤: Mark for showing the Machine Controller to special customer.  
Blank : For Standard  
T \* or N : For Special customer (\*:Number)

Name	Type	Functions
PS-01	JAPMC-PS2200	AC85V~275V input power supply
PS-03	JAPMC-PS2210	DC24V input power supply
MB-01	JAPMC-MB2200	Mounting base
CPU-01	JAPMC-CP2200	MP2200 CPU
CPU-01T *	JAPMC-CP2200T *	MP2200 CPU
CPU-01N	JAPMC-CP2200N	MP2200 CPU
EXIOIF	JAPMC-EX2200	Mounting base expansion module
EXIOIFT *	JAPMC-EX2200T *	Mounting base expansion module
218IF	JAPMC-CM2300	RS-232C and Ethernet communications
218IFT *	JAPMC-CM2300T *	RS-232C and Ethernet communications
217IF	JAPMC-CM2310	RS-232C and RS422/485 communications



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217IFT *	JAPMC-CM2310T *	RS-232C and RS422/485 communications
260IF	JAPMC-CM2320	RS-232C and DeviceNet communications
260IFT *	JAPMC-CM2320T *	RS-232C and DeviceNet communications
261IF	JAPMC-CM2330	RS-232C and PROFIBUS communications
261IFT *	JAPMC-CM2330T *	RS-232C and PROFIBUS communications
Lio-01	JAPMC-IO2300	16 input points, 16 output points, and 1-channel pulse input
Lio-01T *	JAPMC-IO2300T *	16 input points, 16 output points, and 1-channel pulse input
Lio-02	JAPMC-IO2301	16 input points, 16 output points, and 1-channel pulse input
Lio-02T *	JAPMC-IO2301T *	16 input points, 16 output points, and 1-channel pulse input
Lio-04	JAPMC-IO2303	32 input points, 32 output points
Lio-04T *	JAPMC-IO2303T *	32 input points, 32 output points
Lio-05	JAPMC-IO2304	32 input points, 32 output points
Lio-05T *	JAPMC-IO2304T *	32 input points, 32 output points
DO-01	JAPMC-DO2300	64 output points
DO-01T *	JAPMC-DO2303T *	64 output points
SVB-01	JAPMC-MC2310	MECHATROLINK communications interface
SVB-01T *	JAPMC-MC2310T *	MECHATROLINK communications interface
SVA-01	JAPMC-MC2300	Analog interface for servo
SVA-01T *	JAPMC-MC2300T *	Analog interface for servo



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<Type of a Unit>

JEPMC —                        

①            ②            ③            ④            ⑤

- ①: Mark for showing a product group name  
JEPMC: A unit of Machine controller
- ②: Mark for showing a Unit name  
BU: Base unit (power supply, mounting base, and a case)  
MP: All in one type unit
- ③: Mark for showing a series name  
22: MP2200 series  
23: MP2300 series
- ④: Mark for showing the different units which are in the same series.
- ⑤: Mark for showing the Machine Controller to special customer.  
Blank : For Standard  
T \* , -Y \* \* or N : For Special customer (\* :Number)

NAME	Type	Modules
MP2300	JEPMC-MP2300	Main Unit only
MP2300-Y * *	JEPMC-MP2300-Y * *	Main Unit and Option base module combination
NSC50	JEPMC-MP2300N	Main Unit
BU2200	JEPMC-BU2200	JAPMC-PS2200 + JAPMC-MB2200
BU2200T *	JEPMC-BU2200T *	JAPMC-PS2200 + JAPMC-MB2200
BU2210	JEPMC-BU2210	JAPMC-PS2210 + JAPMC-MB2200
BU2210T *	JEPMC-BU2210T *	JAPMC-PS2210 + JAPMC-MB2200
BU2200N	JEPMC-BU2200N	JAPMC-PS2200 + JAPMC-MB2200
BU2210N	JEPMC-BU2210N	JAPMC-PS2210 + JAPMC-MB2200

<Supplement>

The difference between Standard and Special customer's Machine Controller is only type.