



Product Service

EU-Type Examination Certificate

No. E6A 17 05 71744 009

Holder of Certificate: **Yaskawa America, Inc.**

2121 Norman Drive South
Waukegan, IL 60085
USA

Product: **Controllers
Machine Controller**

Model(s): **MP3xxxIEC/ i/ MPE720 Series
(See Attachment for Nomenclature)**

**Description of
Object:**

Rated Voltage: 85 VAC-132 VAC,
170 VAC-276 VAC, 24 VDC
Rated Power: 60 W
Protection Class: I
EMC Classification: Group 1, Class A (EN 55011)

**Tested
according to:**

EN 55011:2009/A1:2010
EN 61000-6-4:2007/A1:2011
EN 61000-6-2:2005

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU. See also notes overleaf.

Evaluation Report No.: 73565052



Date, 2017-05-11 (Johann Roidt)

TÜV SÜD Product Service GmbH is notified Body to the Directive 2014/30/EU relating to electromagnetic compatibility with the identification number 0123.

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In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is different.
 The difference points are the numbers of axes and the correspondence programming languages.

Model	Numbers of axes	Programming languages
PMC-U-MP32*K1****	01~62	It corresponds to the IEC61131-3 language.
PMC-U-MP32*04	4	
PMC-U-MP32*04**		
PMC-U-MP32*04***		
PMC-U-MP32*04****		
PMC-U-MP32*08	8	
PMC-U-MP32*08**		
PMC-U-MP32*08***		
PMC-U-MP32*08****		
PMC-U-MP32*16	16	
PMC-U-MP32*16**		
PMC-U-MP32*16***		
PMC-U-MP32*16****		
PMC-U-MP32*32	32	
PMC-U-MP32*32**		
PMC-U-MP32*32***		
PMC-U-MP32*32****		
PMC-U-MP32*62	62	
PMC-U-MP32*62**		
PMC-U-MP32*62***		
PMC-U-MP32*62****		
JEPMC-CP3201-E	32	It doesn't correspond to the IEC61131-3 language.
JEPMC-CP3202-E		

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2. MP3200i series for Semiconductor Market, "i" series with scripting language

PMC-U-MP32 * ** ****

(1) (2) (3) (4) (5) (6)

- (1) : Mark for showing a product group name
 PMC : Programmable Motion Controller
- (2) : Mark for showing a Assembled place
 U : USA
- (3) : Mark for showing hardware base unit series, MP3200
- (4) : Mark for showing hardware base unit
 0 : Use JEPMC-CP3201-E as hardware base
 1 : Use JEPMC-CP3202-E as hardware base
- (5) : Mark for showing "i" series
 S1 : Semiconductor series 1
 S2 : Semiconductor series 2
- (6) : Mark for showing option base module configuration and customer specific configuration.
 Blank:none
 C***: C and three alphanumeric characters that show option base module and configuration.

Option base module is a module of the MP2300 series to which EMC is recognized.

Yaskawa America, Inc. Model	Yaskawa Electric Corporation Model
PMC-U-MP320S1	JEPMC-CP3201-E
PMC-U-MP320S2	
PMC-U-MP320S1C***	JEPMC-CP3201-E and option base module.
PMC-U-MP320S2C***	
PMC-U-MP321S1	JEPMC-CP3202-E
PMC-U-MP321S2	
PMC-U-MP321S1C***	JEPMC-CP3202-E and option base module.
PMC-U-MP321S2C***	

In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is different.
 The difference points are the numbers of axes and the correspondence programming languages.

Model	Numbers of axes	Programming languages
PMC-U-MP32*S1	01~62	It corresponds to the scripting language for semiconductor market.
PMC-U-MP32*S1C***		
PMC-U-MP32*S2		
PMC-U-MP32*S2C***		
JEPMC-CP3201-E	32	It corresponds to the MPE720 language.
JEPMC-CP3202-E		



3. MP3200 series for Semiconductor Market, with YEC firmware

PMC-U-MP32 * ** ****

(1) (2) (3) (4) (5) (6)

- (1) : Mark for showing a product group name
PMC : Programmable Motion Controller
- (2) : Mark for showing a Assembled place
U : USA
- (3) : Mark for showing hardware base unit series, MP3200
- (4) : Mark for showing hardware base unit
0 : Use JEPMC-CP3201-E as hardware base
1 : Use JEPMC-CP3202-E as hardware base
- (5) : Mark for showing YEC series
M1 : YEC firmware series 1
- (6) : Mark for showing option base module configuration and customer specific configuration.
Blank:none
C***: C and three alphanumeric characters that show option base module and configuration.

Option base module is a module of the MP2300 series to which EMC is recognized.

Yaskawa America, Inc. Model	Yaskawa Electric Corporation Model
PMC-U-MP320M1	JEPMC-CP3201-E
PMC-U-MP320M1C***	JEPMC-CP3201-E and option base module.
PMC-U-MP321M1	JEPMC-CP3202-E
PMC-U-MP321M1C***	JEPMC-CP3202-E and option base module.

In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is the same. The difference points are the pre-installation of an end user application.

Model	Numbers of axes	Pre-installation of an end user application
PMC-U-MP32*M1	32	Yes
PMC-U-MP32*M1C***		
JEPMC-CP3201-E		No
JEPMC-CP3202-E		



4. MP3300iec series for General Motion Market, IEC-61131-3 Programming Language

PMC-U-MP33 * ** ****

(1) (2) (3) (4) (5) (6)

- (1) : Mark for showing a product group name
PMC: Programmable Motion Controller
- (2) : Mark for showing Assembled place
U : USA
- (3) : Mark for showing hardware base unit series, MP3300
- (4) : Mark for showing hardware base unit
0: Use JAPMC-CP3301T2-1-E as hardware base
1: Use JAPMC-CP3301T4-1-E as hardware base
3: Use JAPMC-CP3311T1-2-E as hardware base
4: Use JAPMC-CP3311T2-2-E as hardware base
5: Use JAPMC-CP3302-2-E as hardware base
6: Use JAPMC-CP3302T2-2-E as hardware base
- (5) : Mark for showing IEC series and the numbers of axes.
** : number from 01 to 62 or "K1"
- (6) : Mark for showing option base module configuration or customer specific configuration.
Blank:none
** : two alphanumeric characters that show option base module.
*** : three alphanumeric characters that show option base module or special function.
**** : four alphanumeric characters that show option base module or special function.

Option base module is a module of the MP3300 series to which EMC is recognized.

Yaskawa America, Inc. Model	Yaskawa Electric Corporation Model
PMC-U-MP330**	JAPMC-CP3301T2-1-E
PMC-U-MP330****	JAPMC-CP3301T2-1-E and option base module.
PMC-U-MP330*****	JAPMC-CP3301T2-1-E and option base module
PMC-U-MP330*****	JAPMC-CP3301T2-1-E and option base module
PMC-U-MP331**	JAPMC-CP3301T4-1-E
PMC-U-MP331****	JAPMC-CP3301T4-1-E and option base module.
PMC-U-MP331*****	JAPMC-CP3301T4-1-E and option base module
PMC-U-MP331*****	JAPMC-CP3301T4-1-E and option base module
PMC-U-MP333**	JAPMC-CP3311T1-2-E
PMC-U-MP333****	JAPMC-CP3311T1-2-E and option base module.
PMC-U-MP333*****	JAPMC-CP3311T1-2-E and option base module
PMC-U-MP333*****	JAPMC-CP3311T1-2-E and option base module
PMC-U-MP334**	JAPMC-CP3311T2-2-E
PMC-U-MP334****	JAPMC-CP3311T2-2-E and option base module.
PMC-U-MP334*****	JAPMC-CP3311T2-2-E and option base module
PMC-U-MP334*****	JAPMC-CP3311T2-2-E and option base module
PMC-U-MP335**	JAPMC-CP3302-2-E
PMC-U-MP335****	JAPMC-CP3302-2-E and option base module.
PMC-U-MP335*****	JAPMC-CP3302-2-E and option base module.
PMC-U-MP335*****	JAPMC-CP3302-2-E and option base module.
PMC-U-MP336**	JAPMC-CP3302T2-2-E
PMC-U-MP336****	JAPMC-CP3302T2-2-E and option base module.
PMC-U-MP336*****	JAPMC-CP3302T2-2-E and option base module.
PMC-U-MP336*****	JAPMC-CP3302T2-2-E and option base module.

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In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is different.
The difference points are the numbers of axes and the correspondence programming languages.

Model	Numbers of axes	Programming languages	
PMC-U-MP33*K1****	01~62	It corresponds to the IEC61131-3 language.	
PMC-U-MP33*04 PMC-U-MP33*04** PMC-U-MP33*04*** PMC-U-MP33*04****	4		
PMC-U-MP33*08 PMC-U-MP33*08** PMC-U-MP33*08*** PMC-U-MP33*08****	8		
PMC-U-MP33*16 PMC-U-MP33*16** PMC-U-MP33*16*** PMC-U-MP33*16****	16		
PMC-U-MP33*20 PMC-U-MP33*20** PMC-U-MP33*20*** PMC-U-MP33*20****	20		
PMC-U-MP33*32 PMC-U-MP33*32** PMC-U-MP33*32*** PMC-U-MP33*32****	32		
PMC-U-MP33*40 PMC-U-MP33*40** PMC-U-MP33*40*** PMC-U-MP33*40****	40		
PMC-U-MP33*48 PMC-U-MP33*48** PMC-U-MP33*48*** PMC-U-MP33*48****	48		
PMC-U-MP33*62 PMC-U-MP33*62** PMC-U-MP33*62*** PMC-U-MP33*62****	62		
JAPMC-CP3301T2-1-E JAPMC-CP3301T4-1-E JAPMC-CP3311T1-2-E JAPMC-CP3311T2-2-E JAPMC-CP3302-2-E JAPMC-CP3302T2-2-E	32		It doesn't correspond to the IEC61131-3 language.

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5. MP3300i series for Semiconductor Market, "i" series with scripting language

PMC-U-MP33 * ** ****
 (1) (2) (3) (4) (5) (6)

- (1) : Mark for showing a product group name
PMC: Programmable Motion Controller
- (2) : Mark for showing Assembled place
U : USA
- (3) : Mark for showing hardware base unit series, MP3300
- (4) : Mark for showing hardware base unit
0: Use JAPMC-CP3301T3-1-E as hardware base
1: Use JAPMC-CP3301T5-1-E as hardware base
3: Use JAPMC-CP3311T1-2-E as hardware base
4: Use JAPMC-CP3311T2-2-E as hardware base
5: Use JAPMC-CP3302-2-E as hardware base
6: Use JAPMC-CP3302T2-2-E as hardware base
- (5) : Mark for showing "i" series
S1 : Semiconductor series 1
S2 : Semiconductor series 2
- (6) : Mark for showing option base module configuration and customer specific configuration.
Blank:none
C***: C and three alphanumeric characters that show option base module and configuration.

Option base module is a module of the MP3300 series to which EMC is recognized.

Yaskawa America, Inc. Model	Yaskawa Electric Corporation Model
PMC-U-MP330S1	JAPMC-CP3301T3-1-E
PMC-U-MP330S2	
PMC-U-MP330S1C***	JAPMC-CP3301T3-1-E and option base module
PMC-U-MP330S2C***	
PMC-U-MP331S1	JAPMC-CP3301T5-1-E
PMC-U-MP331S2	
PMC-U-MP331S1C***	JAPMC-CP3301T5-1-E and option base module.
PMC-U-MP331S2C***	
PMC-U-MP333S1	JAPMC-CP3311T1-2-E
PMC-U-MP333S2	
PMC-U-MP333S1C***	JAPMC-CP3311T1-2-E and option base module
PMC-U-MP333S2C***	
PMC-U-MP334S1	JAPMC-CP3311T2-2-E
PMC-U-MP334S2	
PMC-U-MP334S1C***	JAPMC-CP3311T2-2-E and option base module.
PMC-U-MP334S2C***	
PMC-U-MP335S1	JAPMC-CP3302-2-E
PMC-U-MP335S2	
PMC-U-MP335S1C***	JAPMC-CP3302-2-E and option base module
PMC-U-MP335S2C***	
PMC-U-MP336S1	JAPMC-CP3302T2-2-E
PMC-U-MP336S2	
PMC-U-MP336S1C***	JAPMC-CP3302T2-2-E and option base module
PMC-U-MP336S2C***	

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In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is different.
The difference points are the numbers of axes and the correspondence programming languages.

Model	Numbers of axes	Programming languages
PMC-U-MP33*S1	01~62	It corresponds to the scripting language for semiconductor market.
PMC-U-MP33*S1C***		
PMC-U-MP33*S2		
PMC-U-MP33*S2C***		
JAPMC-CP3301T3-1-E JAPMC-CP3301T5-1-E JAPMC-CP3311T1-2-E JAPMC-CP3311T2-2-E JAPMC-CP3302-2-E JAPMC-CP3302T2-2-E	32	It corresponds to the MPE720 language.

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6. MP3300 series for Semiconductor Market, with YEC firmware

PMC-U-MP33 * ** ****
 (1) (2) (3) (4) (5) (6)

- (1) : Mark for showing a product group name
 PMC: Programmable Motion Controller
- (2) : Mark for showing Assembled place
 U : USA
- (3) : Mark for showing hardware base unit series, MP3300
- (4) : Mark for showing hardware base unit
 0: Use JAPMC-CP3301T3-1-E as hardware base
 1: Use JAPMC-CP3301T5-1-E as hardware base
 3: Use JAPMC-CP3311T1-2-E as hardware base
 4: Use JAPMC-CP3311T2-2-E as hardware base
 5: Use JAPMC-CP3302-2-E as hardware base
 6: Use JAPMC-CP3302T2-2-E as hardware base
- (5) : Mark for showing YEC series
 M1 : YEC firmware series 1
- (6) : Mark for showing option base module configuration and customer specific configuration.
 Blank:none
 C***: C and three alphanumeric characters that show option base module and configuration.

Option base module is a module of the MP3300 series to which EMC is recognized.

Yaskawa America, Inc. Model	Yaskawa Electric Corporation Model
PMC-U-MP330M1	JAPMC-CP3301T3-1-E
PMC-U-MP330M1C***	JAPMC-CP3301T3-1-E and option base module.
PMC-U-MP331M1	JAPMC-CP3301T5-1-E
PMC-U-MP331M1C***	JAPMC-CP3301T5-1-E and option base module.
PMC-U-MP333M1	JAPMC-CP3311T1-2-E
PMC-U-MP333M1C***	JAPMC-CP3311T1-2-E and option base module.
PMC-U-MP334M1	JAPMC-CP3311T2-2-E
PMC-U-MP334M1C***	JAPMC-CP3311T2-2-E and option base module.
PMC-U-MP335M1	JAPMC-CP3302-2-E
PMC-U-MP335M1C***	JAPMC-CP3302-2-E and option base module.
PMC-U-MP336M1	JAPMC-CP3302T2-2-E
PMC-U-MP336M1C***	JAPMC-CP3302T2-2-E and option base module.

In Yaskawa America, Inc. Model and Yaskawa Electric Corporation Model, the firmware is the same.
 The difference points are the pre-installation of an end user application.

Model	Numbers of axes	Pre-installation of an end user application
PMC-U-MP33*M1 PMC-U-MP33*M1C***	32	Yes
JAPMC-CP3301T3-1-E JAPMC-CP3301T5-1-E JAPMC-CP3311T1-2-E JAPMC-CP3311T2-2-E JAPMC-CP3302-2-E JAPMC-CP3302T2-2-E		No