



EU Declaration of Conformity

Product : Manual Motor Starters
Model/Type : BM3RSB-*, BM3RHB-*, BM3RSBK-*, BM3RHBK-*,
BM3RSR-*, BM3RHR-*, BM3RSRK-*, BM3RHRK-*,
BM3VSB-*, BM3VHB-*, BM3VSBK-*, BM3VHBK-*,
And Accessories: BZ0*
(Reference number in attached list)
Manufacturer : Fuji Electric FA Components & Systems Co., Ltd.
Address : Mitsui Sumitomo Bank Ningyo-cho Bldg., 5-7, Nihonbashi Odemma-cho,
Chuo-ku, Tokyo 103-0011, Japan

This is to certify that the aforementioned product fully conforms to the protection requirements of the following EU Council Directives on the approximation of the laws of the member states relating to :

<u>Applicable Directive</u>	<u>Title</u>
2014/35/EU	Low-voltage Directive
2011/65/EU	Directive on the Restriction of the use certain of the use of Certain hazardous substances in electrical and electronic equipment (recast)

and conforms to the following EN Standard.

<u>Applicable Standard</u>	<u>Title</u>
EN60947-2(2006/A2:2013)	Parts 2:Circuit-breakers
EN60947-4-1(2010/A1:2012)	Parts 4:Contactors and motor –starters
EN60947-5-1(2004/A1:2009)	Section 1:Electromechanical contactors and motor-starters Parts 5-1:Control Circuit devices and switching elements- Electromechanical control circuit devices
EN50581 (2012)	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed by

KOJI ASAKAWA
Senior Manager
Development Department

Place Konosu-shi, Saitama-Ken, Japan
Date of Issue April 20, 2016



Application Model Explanation

1. Manual Motor Starters

BM	*	*	*	*	-	*
	1	2	3	4		5

Position	Description of position	Number	Description of application
1	Number of poles	3	3 Poles
2	Frame size	R	32 Ampere frame
		V	63 Ampere frame
3	Breaking capacity	S	Standard breaking capacity
		H	High breaking capacity
4	Operating characteristic	B	Adjustable thermal-magnetic trip
		BK	Instantaneous trip
		R	Adjustable thermal-magnetic trip, ring terminal
		RK	Instantaneous trip, ring terminal
5	Rated current	P16	0.1-0.16A
		P25	0.16-0.25A
		P40	0.25-0.4A
		P63	0.4-0.63A
		001	0.63-1A
		1P6	1-1.6A
		2P5	1.6-2.5A
		004	2.5-4A
		6P3	4-6.3A
		010	6.3-10A
		013	9-13A
		016	11-16A
		020	14-20A
		025	19-25A
		032	24-32A
		040	28-40A
050	35-50A		
063	45-63A		



Application Model Explanation

2. Accessories (BZ series)

Kind of accessories	Model
Auxiliary switches	BZ0WIA, BZ0WIB, BZ0WUAAL, BZ0WUABL, BZ0WUBBL, BZ0WUAAR, BZ0WUABR, BZ0WUBBR
Alarm switches	BZ0KIA, BZ0KIB
Auxiliary and alarm switches	BZ0WKUAA, BZ0WKUAB, BZ0WKUBA, BZ0WKUBB
Short circuit alarm	BZA0TKUAB
Shunt trip devices	BZ0FAZU, BZ0FBZU, BZ0FCZU, BZ0F1ZU, BZ0FDZU, BZ0FEZU, BZ0FFZU, BZ0FGZU, BZ0FHZU, BZ0F4ZU, FZ0FJZU, BZ0FKZUD, BZ0FLZUD
Under voltage trip devices	BZ0RAZ1U, BZ0AZ2U, BZ0RBZ1U, BZ0RBZU, Z0R1ZU, BZ0RDZU, BZ0REZU, BZ0RFZU, BZ0RGZU, BZ0RHZU, BZ0R4ZU, FZ0RJZU
Under voltage trip devices with early make contacts	BZ0RAZ1LKU, BZ0AZ2LKU, BZ0RBZ1LKU, BZ0RBZLKU, Z0R1ZLKU, BZ0RDZLKU, BZ0REZLKU, BZ0RFZLKU, BZ0RGZLKU, BZ0RHZLKU, BZ0R4ZLKU, FZ0RJZLKU BZ0RAZ1LTU, BZ0AZ2LTU, BZ0RBZ1LTU, BZ0RBZLTU, Z0R1ZLTU, BZ0RDZLTU, BZ0REZLTU, BZ0RFZLTU, BZ0RGZLTU, BZ0RHZLTU, BZ0R4ZLTU, FZ0RJZLTU
External operating handles	BZ0VBBL, BZ0VYRL, BZ0VBBM, BZ0VYRM
Terminal cover	BZ0TCRE, BZ0RTCRES
Busbar	BZ0BR02A, BZ0BR03A, BZ0BR04A, BZ0BR05A, BZ0BR12A, BZ0BR13A, BZ0BR14A, BZ0BR15A, BZ0BR22A, BZ0BR24A, BZ0BV02A, BZ0BV03A, BZ0BV04A, BZ0BV12A, BZ0BV13A, BZ0BV14A, BZ0BV22A, BZ0BV24A
3-phase feed-in terminal	BZ0BFRA, BZ0BFVA, BZ0BFRAR
Busbar cover	BZ0BCRA, BZ0BCVA
Enclosures	BZ0CSLA, BZ0CSLB, BZ0CFLA, BZ0CFLB
Padlocking device	BZ0CKA
Emergency stop pushbutton	BZ0CPM, BZ0CPL, BZ0CPK
Conversion kit	BZ0CCA
Adaptor set	BZ0CUA
Neutral connector	BZ0CNA
Indication lamp	BZ0CLGA, BZ0CLGB, BZ0CLGC, BZ0CLGD, BZ0CLGE, BZ0CLRA, BZ0CLRB, BZ0CLRC, BZ0CLRD, BZ0CLRE, BZ0CLCA, BZ0CLCB, BZ0CLCC, BZ0CLCD, BZ0CLCE
Link modules	BZ0LRK12AA, BZ0LRE22AA, BZ0LRE22GA, BZ0LRE32AA, BZ0LRE32GA, BZ0LRP32AA, BZ0LRP32GA, BZ0LVE51AA, BZ0LVE51GA, BZ0LVE65AA, BZ0LVE65GA
Base plates	BZ0BPVE22A, BZ0BPVE32A, BZ0BPVE51A, BZ0BPVE65A
Base plate coupling kit	BZ0BPCA

May 24, 2021

RoHS2 (2011/65/EU and 2015/863) Certificate of Compliance

This document is to certify that our product below is in compliance with RoHS2.

We, Fuji Electric FA Components & Systems Co., Ltd., state that our product listed below does not exceed the maximum limit for following 10 designated substances, except for applications which are exempt from the substance restrictions under RoHS2.

1. Product type : BM3* Series
BZ0* Accessories

2. 10 designated substances
 - lead : 1000ppm
 - mercury : 1000ppm
 - cadmium : 100ppm
 - hexavalent chromium : 1000ppm
 - polybrominated biphenyls (PBB) : 1000ppm
 - polybrominated diphenyl ethers (PBDE) : 1000ppm
 - Bis (2-ethylhexyl) phthalate (DEHP) : 1000ppm
 - Butyl benzyl phthalate (BBP) : 1000ppm
 - Dibutyl phthalate (DBP) : 1000ppm
 - Diisobutyl phthalate (DIPB) : 1000ppm

Should you have any questions, please do not hesitate to contact us.

Sincerely,

Authorized Signatory:



(Yasumichi OKAMOTO)

Keiko ISHIZUKA
Development Planning Dept.