



## EU Declaration of Conformity

**Product** : Earth Leakage Circuit Breakers  
Handle Operating Mechanism  
Accessories

**Model/Type** : EW32AAG\*, EW32EAG\*, EW32SAG\*,  
EW50AAG\*, EW50EAG\*, EW50SAG\*, EW50RAG\*, EW50RAGU\*,  
EW63EAG\*, EW63SAG\*, EW63RAG\*,  
EW100AAG\*, EW100EAG\*, EW100EAGU\*,  
EW32EAM\*, EW32SAM\*, EW50EAM\*, EW50SAM\*,  
EW63EAM\*, EW63SAM\*, EW100EAM\*, EW100EAK\*  
(\* : refer to the attached list about application model)

**Manufacturer** : Fuji Electric FA Components & Systems Co., Ltd.

**Address** : No.5-45 Minami 1-chome, Konosu-shi, Saitama-ken, 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, (EU)2015/863	RoHS Directive

and conforms to the following EN Standard.

<u>Applicable Standard</u>	<u>Title</u>
EN60947-2(2017/A1:2020)	Specification for low-voltage switchgear and controlgear Part 2: Circuit-breakers
EN IEC 63000(2018)	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed by

*N. Sato*

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Noritomo Sato  
Senior Manager  
Development Department

**Place** Konosu-shi, Saitama-Ken, Japan  
**Date of Issue** October 14, 2022



## Application Model Explanation

### 1. Earth Leakage Circuit Breaker

EW	*	*	*	*	/	*	*	*
	1	2	3	4		5	6	7

Position	Description of position	Number	Description of application
1	Frame size	32 50 63 100	32 Ampere frame 50 Ampere frame 63 Ampere frame 100 Ampere frame
2	Breaking capacity	AA EA SA RA	Low breaking capacity Middle breaking capacity Middle-High breaking capacity High breaking capacity
3	Kind of model	G M K	Standard For motor protection High- Instantaneous tripping characteristic
4	Kind of series	Blank U	Standard UL listed
5	Number of poles	2P 3P	2 Poles 3 Poles
6	Rated current	003 005 010 015 020 030 032 040 050 060 063 070 075 080 090 100	3A 5A 10A 15A 20A 30A 32A 40A 50A 60A 63A 70A 75A 80A 90A 100A
7	Rated residual operating Current	A B D C K	15mA 30 mA 50mA 100mA Operation current changeable type (100/200mA, 100/200/500mA)
8	Connection type	Blank 2A 2B 2C 3A	Standard For Plug-in series, 2P R-S connection For Plug-in series, 2P S-T connection For Plug-in series, 2P R-T connection For Plug-in series, 3P R-S-T connection
9	Busbar pitch for Plug-in series	Blank T7 T3	Standard 70 mm 30 mm



## Application Model Explanation

### 2. Accessories (BZ and BW series)

Kind of accessories	Position
Handle operating mechanism	BZ6N10D, BZ6V10D, BZ6N10C, BZ6N10C BZ6N10D-S, BZ6N10D-X, BZ6N10D-P BZ6V10D-S, BZ6V10D-X, BZ6V10D-P
	BW9N0AC-I II III IV (I=Blank or D, II=Blank or F, III=Blank, R or L, IV=Blank, S, X or P)
Auxiliary switches	BZ6WL10C, BZ6WR10C, BZ6WL10CA, BZ6WR10CA, BZ6WDL10C, BZ6WDR10C, BZ6WDL10CA, BZ6WDR10CA
Alarm switches	BZ6KL10C, BZ6KR10C, BZ6KL10CA, BZ6KR10CA, BZ6KDL10C, BZ6KDR10C, BZ6KDL10CA, BZ6KDR10CA
Auxiliary and Alarm switches	BZ6WKL10C, BZ6WKR10C, BZ6WKL10CA, BZ6WKR10CA, BZ6WDKDL10C, BZ6WDKDR10C, BZ6WDKDL10CA, BZ6WDKDR10CA
Terminal extension	BZ6S10C502, BZ6S10C503, BZ6S10C1002, BZ6S10C1003
Terminal cover	BW9BTAA-L2, BW9BTAA-L2W, BW9BTAA-L3, BW9BTAA-L3W BW9BTAA-S2, BW9BTAA-S2W, BW9BTAA-S3, BW9BTAA-S3W BW9BTAB-S2, BW9BTAB-S3, BW9BTAB-L2, BW9BTAB-L3



## EU Declaration of Conformity

**Product** : Earth Leakage Circuit Breaker  
Handle Operating Mechanism  
Accessories

**Model/Type** : EW125JAG\*, EW125SAG, EW125RAG\*,  
EW125JAGU\*, EW125RAGU\*,  
EW125JAGC\*, EW125SAGC\*, EW125RAGC\*,  
EW125JAM\*, EW125RAM\*,  
EW125JAK\*, EW125RAK\*,  
EW125JAY\*, EW125RAY\*  
(\* : refer to the attached list about application model)

**Manufacturer** : Fuji Electric FA Components & Systems Co., Ltd.

**Address** : No.5-45 Minami 1-chome, Konosu-shi, Saitama-ken, Japan

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2014/30/EU	EMC Directive
2011/65/EU,(EU)2015/863	RoHS Directive

and conforms to the following EN Standard.

<u>Applicable Standard</u>	<u>Title</u>
EN60947-2(2017/A1:2020)	Specification for low-voltage switchgear and controlgear Part 2:Circuit -breakers
EN IEC 63000(2018)	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed by

Fumihiro Morishita  
Senior Manager  
Development Department

**Place** Konosu-shi, Saitama-Ken, Japan  
**Date of Issue** January 11, 2022



## Application Model Explanation

### 1. Earth Leakage Circuit Breakers (EWseries)

EW	*	*	*	*	-	*	*	*
	1	2	3	4		5	6	7

Position	Description of position	Number	Description of application
1	Frame size	125	Ampere frame
2	Breaking capacity	JA SA RA	Low breaking capacity Middle breaking capacity High breaking capacity
3	Kind of model	G M K Y	Standard type For motor protection High- Instantaneous tripping characteristic For inverter welding
4	Kind of series	Blank C U	Standard C series U series
5	Number of Poles	3P 4P	3 Poles 4 Poles
6	Rated current	015 020 030 040 050 060 075 100 125	15A 20A 30A 40A 50A 60A 75A 100A 125A
7	Rated residual operating Current	B K	30mA 100/200/500/1000mA adjustable



## Application Model Explanation

### 2. Accessories (BW9series)

Kind of accessories	Types
Handle operating mechanism	BW9V0CA, BW9V0CA-S, BW9V0CA-P BW9N0CA, BW9N0CA-L, BW9N0CA-R, BW9N0CA-S, BW9N0CA-P
Auxiliary switches	BW9W1SG0, BW9W1SG0-R, BW9W1SG0-A, BW9W1SG0-RA, BW9W1DG0, BW9W1DG0-R
Alarm switches	BW9K1SG0, BW9K1SG0-R, BW9K1SG0-A, BW9K1SG0-RA, BW9K1DG0, BW9K1DG0-R
Auxiliary and Alarm switches	BW9WK1SG0, BW9WK1SG0-R, BW9WK1SG0-A, BW9WK1SG0-RA, BW9WK1DG0, BW9WK1DG0-R
Shunt release	BW9FRG0, BW9FSG0, BW9FAG0, BW9F1G0, BW9FKG0, BW9FBG0, BW9FPG0, BW9FHG0, BW9FJG0 BW9FRG0-RA, BW9FSG0-RA, BW9FAG0-RA, BW9F1G0-RA, BW9FKG0-RA, BW9FBG0-RA, BW9FPG0-RA, BW9FHG0-RA, BW9FJG0-RA
Under voltage release	BW9RGAR, BW9RGAS, BW9RGAL, BW9RGA5, BW9RGAA, BW9RGAT, BW9RGAK, BW9RGAB, BW9RGAP, BW9RGAH
Earth leakage alarm switch	BW9L1SG0
Padlocking device	BW9Q1CA, BW9Q2CA
Terminal extension	BW9SS0CA-3, BW9SS0CA-4
Terminal cover	BW9BTCA-L3, BW9BTCA-L3W, BW9BTCA-C3 BW9BTCA-L4, BW9BTCA-L4W BW9BTCA-S3, BW9BTCA-S3W, BW9BTCA-S4, BW9BTCA-S4W



## EU Declaration of Conformity

**Product** : Earth Leakage Circuit Breakers  
Handle Operating Mechanism  
Accessories

**Model/Type** : EW250EAG\*, EW250JAG\*, EW250SAG\*, EW250RAG\*  
EW250HAG\*, EW250JAGU\*, EW250RAGU\*  
EW250EAGC\*, EW250JAGC\*, EW250SAGC\*, EW250RAGC\*  
EW250EAM\*, EW250JAM\*, EW250RAM\*,  
EW250EAK\*, EW250JAK\*, EW250RAK\*, EW250HAK\*,  
EW250JAY\*, EW250RAY\*,  
EW250RAW\*  
(\* : refer to the attached list about application model)

**Manufacturer** : Fuji Electric FA Components & Systems Co., Ltd.

**Address** : No.5-45 Minami 1-chome, Konosu-shi, Saitama-ken, Japan

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Signed by

Fumihiro Morishita  
Senior Manager  
Development Department

Place Konosu-shi, Saitama-Ken, Japan  
Date of Issue Novemver 21, 2022



## Application Model Explanation

### 1. Earth Leakage Circuit Breakers (EWseries)

EW	*	*	*	*	-	*	*	*
	1	2	3	4		5	6	7

Position	Description of position	Number	Description of application
1	Frame size	250	250 Ampere frame
2	Breaking capacity	EA JA SA RA HA	Low breaking capacity Middle-Low breaking capacity Middle breaking capacity Middle-High breaking capacity High breaking capacity
3	Kind of model	G M K Y W	Standard type For motor protection High- Instantaneous tripping characteristic For inverter welding For resistance welder
4	Kind of series	Blank U C	Standard U series C series
5	Number of Poles	3P 4P	3 Poles 4 Poles
6	Rated current	125 150 160 175 200 225 250	125A 150A 160A 175A 200A 225A 250A
7	Rated residual operating Current	B K J	30mA 100/200/500/1000mA adjustable 100/300/500/1000mA adjustable
8	Connection type	Blank 3A	Connection type For Plug-in series, 3P R-S-T connection
9	Terminal cover	Blank C	For Plug-in series, no Terminal cover For Plug-in series, with Terminal cover
10	Busbar pitch for Plug-in series	Blank T7	Standard 70 mm



## Application Model Explanation

### 2. Accessories (BW9series)

Kind of accessories	Types
Handle operating mechanism	BW9V0GA, BW9V0GA-S, BW9V0GA-P BW9N0GA, BW9N0GA-L, BW9N0GA-R, BW9N0GA-S, BW9N0GA-P
Auxiliary switches	BW9W1SG0, BW9W1SG0-R, BW9W1SG0-A, BW9W1SG0-RA, BW9W1DG0, BW9W1DG0-R
Alarm switches	BW9K1SG0, BW9K1SG0-R, BW9K1SG0-A, BW9K1SG0-RA, BW9K1DG0, BW9K1DG0-R
Auxiliary and Alarm switches	BW9WK1SG0, BW9WK1SG0-R, BW9WK1SG0-A, BW9WK1SG0-RA, BW9WK1DG0, BW9WK1DG0-R
Shunt release	BW9FRG0, BW9FSG0, BW9FAG0, BW9F1G0, BW9FKG0, BW9FBG0, BW9FPG0, BW9FHG0, BW9FJG0 BW9FRG0-RA, BW9FSG0-RA, BW9FAG0-RA, BW9F1G0-RA, BW9FKG0-RA, BW9FBG0-RA, BW9FPG0-RA, BW9FHG0-RA, BW9FJG0-RA
Under voltage release	BW9RGAR, BW9RGAS, BW9RGAL, BW9RGA5, BW9RGAA, BW9RGAT, BW9RGAK, BW9RGAB, BW9RGAP, BW9RGAH
Earth leakage alarm switch	BW9L1SG0
Padlocking device	BW9Q1CA, BW9Q2GA
Terminal extension	BW9SS0GA-4, BZ-S50B-2253
Terminal cover	BW9BTGA-L3, BW9BTGA-L3W, BW9BTGA-C3 BW9BTGA-L4, BW9BTGA-L4W BW9BTGA-S3, BW9BTGA-S3W, BW9BTGA-S4, BW9BTGA-S4W BW9BTGA-S3P20, BW9BTGA-S4P20 BW9BTGA-S3WP20, BS9BTGA-S4WP20



## EU Declaration of Conformity

**Product** : Earth Leakage Circuit Breakers  
Handle Operating Mechanism  
Accessories

**Model/Type** : EW400EAG\*, EW400SAG\*, EW400RAG\*, EW400HAG\*,  
EW400SAGU\*, EW400RAGU\*, EW400HAGU\*,  
EW400EAGC\*, EW400SAGC\*, EW400RAGC\*, EW400HAGC\*,  
EW400SAY\*, EW400RAY\*,  
EW400SAW\*, EW400RAW\*  
(\* : refer to the attached list about application model)

**Manufacturer** : Fuji Electric FA Components & Systems Co., Ltd.

**Address** : No.5-45, Mianmi 1-chome, Konosu-shi, Saitama-ken, 369-0192, Japan

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Signed by

Fumihiro Morishita  
Senior Manager  
Development Department

**Place** Konosu-shi, Saitama-Ken, Japan  
**Date of Issue** January 11, 2022



## Application Model Explanation

### 1. Earth Leakage Circuit Breakers (EWseries)

EW	*	*	*	*	-	*	*	*
	1	2	3	4		5	6	7

Position	Description of position	Number	Description of application
1	Frame size	400	Ampere frame
2	Breaking capacity	EA SA RA HA	Low breaking capacity Middle breaking capacity Middle-High breaking capacity High breaking capacity
3	Kind of model	G Y W	Standard For inverter welding For resistance welder
4	Kind of series	Blank U C	Standard U series C series
5	Number of Poles	3P 4P	3 Poles 4 Poles
6	Rated current	250 300 350 400	250A 300A 350A 400A
7	Rated residual operating Current	B K J	30mA 100/200/500/1000mA adjustable 100/300/500/1000mA adjustable

### 2. Accessories (BW9series)

Kind of accessories	Types
Handle operating mechanism	BW9V0HA, BW9V0HA-X, BW9V0HA-P BW9N0HA, BW9N0HA-L, BW9N0HA-R, BW9N0HA-P, BW9N0HA-X, BW9N0HA-L-X, BW9N0HA-R-X,
Auxiliary switches	BW9W1SHA, BW9W2SHA, BW9W1SHA-A , BW9W1DHA, BW9W2DHA,
Alarm switches	BW9K1SHA, BW9K2SHA, BW9K1SHA-A , BW9K1DHA, BW9K2DHA,
Shunt release devices	BW9FHA-R, BW9FHA-A, BW9FHA-B, BW9FHA-P BW9FHA-RA, BW9FHA-AA, BW9FHA-BA, BW9FHA-PA
Under voltage release devices	BW9FHA-R, BW9FHA-S, BW9FHA-A, BW9FHA-1, BW9FHA-K, BW9FHA-B, BW9FHA-P
Padlocking device	BW9Q2HA
Terminal cover	BW9BTHA-L3, BW9BTHA-L3W, BW9BTHA-L4 BW9BTHA-S3, BW9BTHA-S3W, BW9BTHA-S4, BW9BTHA-S4W



## EU Declaration of Conformity

**Product** : Earth Leakage Circuit Breakers  
Handle Operating Mechanism  
Accessories

**Model/Type** : EW630EAG\*, EW630RAG\*, EW630HAG\*,  
EW630EAGC\*, EW630RAGC\*, EW630HAGC\*,  
EW630RAGU\*, EW630RAY\*  
(\* : refer to the attached list about application model)

**Manufacturer** : Fuji Electric FA Components & Systems Co., Ltd.

**Address** : No.5-45 Minami 1-chome, Konosu-shi, Saitama-ken, Japan

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EN IEC 63000(2018)	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed by

**FUMIHIRO MORISHITA**  
Senior Manager  
Development Department

**Place** Konosu-shi, Saitama-Ken, Japan  
**Date of Issue** January 11, 2022



## Application Model Explanation

### 1. Earth Leakage Circuit Breakers (EW series)

<b>EW</b>	*	*	*	*	-	*	*	*
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		<b>5</b>	<b>6</b>	<b>7</b>

Position	Description of position	Number	Description of application
<b>1</b>	<b>Frame size</b>	<b>630</b>	<b>Ampere frame</b>
<b>2</b>	<b>Breaking capacity</b>	<b>EA</b> <b>RA</b> <b>HA</b>	<b>Low breaking capacity</b> <b>Middle-High breaking capacity</b> <b>High breaking capacity</b>
<b>3</b>	<b>Kind of model</b>	<b>G</b> <b>Y</b>	<b>Standard</b> <b>For inverter welding</b>
<b>4</b>	<b>Kind of series</b>	<b>Blank</b> <b>U</b> <b>C</b>	<b>Standard</b> <b>U series</b> <b>C series</b>
<b>5</b>	<b>Number of Poles</b>	<b>3P</b>	<b>3 Poles</b>
<b>6</b>	<b>Rated current</b>	<b>500</b> <b>600</b> <b>630</b>	<b>500</b> <b>600</b> <b>630</b>
<b>7</b>	<b>Rated residual operating Current</b>	<b>B</b> <b>K</b> <b>J</b>	<b>30mA</b> <b>100/200/500/1000mA adjustable</b> <b>100/300/500/1000mA adjustable</b>

### 2. Accessories (BW9series)

<b>BW9</b>	*	*	*	*	*
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

Kind of accessories	Types
<b>Handle operating mechanism</b>	<b>BW9V0JA, BW9V0JA-X, BW9V0JA-P</b> <b>BW9N0JA, BW9N0JA-L, BW9N0JA-R, BW9N0JA-P,</b> <b>BW9N0JA-X, BW9N0JA-L-X, BW9N0JA-R-X</b>
<b>Auxiliary switches</b>	<b>BW9W1SHA, BW9W2SHA, BW9W1SHA-A ,</b> <b>BW9W1DHA, BW9W2DHA,</b>
<b>Alarm switches</b>	<b>BW9K1SHA, BW9K2SHA, BW9K1SHA-A ,</b> <b>BW9K1DHA, BW9K2DHA,</b>
<b>Shunt release devices</b>	<b>BW9FHA-R, BW9FHA-A, BW9FHA-B, BW9FHA-P</b> <b>BW9FHA-RA, BW9FHA-AA, BW9FHA-BA, BW9FHA-PA</b>
<b>Under voltage release devices</b>	<b>BW9FHA-R, BW9FHA-S, BW9FHA-A, BW9FHA-1,</b> <b>BW9FHA-K, BW9FHA-B, BW9FHA-P</b>
<b>Padlocking devise</b>	<b>BW9Q2JA</b>
<b>Terminal cover</b>	<b>BW9BTJA-L3, BW9BTJA-L3W</b>