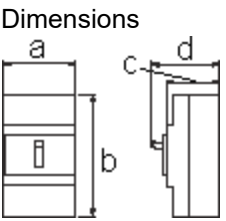


Earth Leakage Breakers : E Series

EB-50E, EB-100E, EX30, EX50, EX50B, EX50C, EX100, EX100B

TYPE			EB-50E	EB-100E	EX30	EX50	EX50B	EX50C	EX100	EX100B	
Phase- wiring System			3φ3W	3φ3W	3φ3W	3φ3W	3φ3W	3φ3W	3φ3W	3φ3W	
	1φ2W	1φ3W	1φ3W	1φ3W	1φ3W	1φ3W	1φ3W	1φ3W	1φ3W	1φ3W	
		1φ2W	1φ2W	1φ2W	1φ2W	1φ2W	1φ2W	1φ2W	1φ2W	1φ2W	
Numner of Poles			2	3	3	3	3	3	3	3	
Rated Voltage (AC V)			100 – 200		100 – 200	100 – 200	200 – 440	100 – 200	200 – 440	100 – 200	200 – 440
Rated Current (A) (Base ambient temperature 40°C)			5 10 15 20 30 40 50	60 75 100	60 75 100	5 10 15 20 30	5 10 15 20 30 40 50	5 10 15 20 30 40 50	50 60 75 100	50 60 75 100	
Rated Impulse withstand Voltage Uimp (kV)			4	4	4	6	6	6	6	6	
High Speed Type	Rated Sensitivity Current (mA)		(15) 30 (100)	30 100	30 100	30 100•200•500	(15) 30 100 (200)	30 100•200•500	(15) 30 100 (200)	30 100•200•500	
	Operating time (sec. or less)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Time Delay Type	Rated Sensitivity Current (mA)		—	—	—	—	—	(100 •200•500)	—	(100•200•500)	
	Operating time (sec. or less)		—	—	—	—	—	(0.3)	—	(0.3)	
	Limiting non-actuating time (sec. or more)		—	—	—	—	—	(0.1)	—	(0.1)	
Indication of Earth Leakage			Mechanical(button)								
Rated Breaking Capacity (kA)	JIS C 8201-2-2 Ann2 (Icu/Ics)	AC	440V	—	—	—	2.5 / 1	—	10 / 3	—	10 / 3
			415V	—	—	—	2.5 / 1	—	10 / 3	—	10 / 3
			400V	—	—	—	2.5 / 1	—	10 / 3	—	10 / 3
			240V	—	—	—	5 / 2	—	35 / 9	—	35 / 9
			200V	5 / 2	5 / 2	5 / 2	5 / 2	10 / 3	35 / 9	10 / 3	35 / 9
			100V	5 / 2	5 / 2	5 / 2	—	10 / 3	—	10 / 3	—

Dimensions		a	52	75	75	75	75	75	75	75	75
	b	96	97.5	97.5	130	130	130	130	130	130	
	c	60	60	60	60	60	60	60	60	60	
	d	76	76	76	84	84	84	84	84	84	
	Net Weight (kg)	0.3	0.4	0.6	0.6	0.7	0.7	0.7	0.8	0.9	
Standard Connection Type		Front Terminal	Front Terminal	Front Terminal	Front Terminal	Front Terminal	Front Terminal	Front Terminal	Front Terminal	Front Terminal	
Phase Separator for Line Side		—	—	—	○	○	● (*2)	○	● (*2)		
Interior Accessories	Test Button Lead Wire	TBL	○	○	○	○	○	○	○	○	
	Alarm Switch	AL	○	○	○	○	○	○	○	○	
	Auxiliary Switch	AUX	○	○	○	○	○	○	○	○	
	Earth Leakage Alarm Sw.	EAL	—	—	—	—	—	—	—	—	
	Terminal Block	TB	—	—	—	○	○	○	○	○	
		TB2	○	○	○	○	○	○	○	○	
Exterior Accessories	Rear-connecting Stud	STB	—	—	—	STB-2M	STB-2M	STB-2M	STB-3K (50A:STB-2M)	STB-3K (50A:STB-2M)	
		BSD	—	—	—	—	—	—	—	—	
	Flush Mounting Base Assembly	GKW(STB)	—	—	—	○	○	○	○	○	
		GK•GKW(BSD)	—	—	—	—	—	—	—	—	
	Plug-in Mounting Base Assembly	PK	—	—	—	—	—	—	—	—	
	Mechanical Interlock	MIW	—	—	—	MIW-2E	MIW-2E	MIW-2E	MIW-2E	MIW-2E	
	Motor-operating Mechanism	MMK-S	—	—	—	—	—	—	—	—	
		MMK-C	—	—	—	—	—	—	—	—	
	Lock Cover	LC	LC-03	LC-03	LC-03	LC-2G	LC-2G	LC-2G	LC-2G	LC-2G	
	Handle Lock	HL	—	—	—	HL-2G	HL-2G	HL-2G	HL-2G	HL-2G	

	Handle Operating Mechanism	HA	—	—	—	HA-108	HA-108	HA-108	HA-108	HA-108
		HM	—	—	—	HM-S12	HM-S12	HM-S12	HM-S12	HM-S12
Terminal Cover	Front Type	TMC	TMC-0G	TMC-0H	TMC-0H	TMC-1	TMC-1	TMC-1	TMC-1	TMC-1
		Short Type	—	—	—	TMC-1S	TMC-1S	TMC-1S	TMC-1S	TMC-1S
		Long Type	—	—	—	TMC-2D	TMC-2D	TMC-2D	TMC-2D	TMC-2D
	Rear Type	BTC	—	—	—	BTC-1	BTC-1	BTC-1	BTC-1	BTC-1
IEC Rail 35 mm		●	●	●	○	○	○	○	○	○
Automatic Tripping Device			Full Magnetic	Full Magnetic	Full Magnetic	Full Magnetic	Full Magnetic	Full Magnetic	Full Magnetic	Full Magnetic
Trip Button			—	—	—	—	—	—	—	—

Note

- 1 ● : Standard ○ : Option
- 2 Please use right and left poles in case of using ELBs of 3 poles 200V to 1φ2W 200V wiring system.
- 3 Please connect neutral line to middle pole of ELBs incase of using ELBs of 3 poles 200V to 1φ3W100/ 200V distribution system.
- 4 Standard flush mounting base assembly of up to 400AF are GKW and GK is standard in case of 600AF or more.
- 5 Installation of phase separators is required in case of types marked(*2).
- 6 IEC rail is standard installation in case of EB-50E and EB-100E, so installation screws and metal fittings are not attached.
- 7 The accessories marked (*3) can be installed by customers
- 8 Please state frequency 50 or 60Hz in case of RF-800KN, RF-1000KN, RF-1200KN.

[Close](#)