
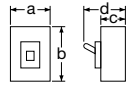


# Earth Leakage Circuit Breakers - SG-UL Series

## ■ Specifications

Frame size (A)		100		
Type		SG103BAUL		
Appearance (with Screw Terminals)				
Rated insulation voltage (V) (IEC60947-2)		AC	440	
Rated voltage (V) (UL489)		AC	240	
Rated current (A)		32,40,50,60,75,100		
Rated Sensitive Current (mA)		30,100/200/500		
Poles		3		
Rated frequency (Hz)		50/60		
Rated interrupting capacity sym (kA)	UL489 CSA22-2	AC	480V	–
			480Y/277V	–
			240V	35
	IEC60947-2 [Icu/Ics]	AC	440V	25/7
			230V	50/13
			100V	50/13
	JIS C 8371	AC	415V	25
			200V	50
			100V	50
Dimensions (mm)		a	90	
		b	155	
		c	60	
		d	82	
		Terminal construction		Screw Terminals
		Flat Terminals	L1 –	
		Lug Terminals	L –	
Internal accessories	Auxiliary switch	*3	W ●	
	Alarm switch	*3	K ●	
	Shunt trip		F –	
	Undervoltage trip		R –	
	Accessories with terminal block*1		A ●	
External accessories	Handle locking key	Cap type	Q1	*2
				BZ-L30C
	External Operating Handle		V	BZ-V30C-EUL
			N	BZ-N30C
	Field Installable Terminal Kit		Flat Terminal Kit	–
			Lug Terminal Kit	–
	Terminal Covers	For Screw Terminals	Short	BZ-TS30B-3
			Long	BZ-TB30B-3
		For Flat Terminals		–
For Lug Terminals				–
Insulation Barrier			BZ-B30B	
Mass (kg) (Screw Terminals)		1.5		

Notes: \*1 All internal accessories will be supplied with terminal block when specify "A" in the part number. When ordered shunt trip or undervoltage trip for SG53RCUL, EG102/103CUL, the shunt trip or the undervoltage trip with terminal block will be supplied as a standard. (see page 17, 18)

\*2 Order the Handle Lock Cover (BZ6L10C or BZ-L□C) separately if a handle lock key (cap type Q1) is required for 225A Frame or smaller Breakers.

\*3 Auxiliary switches (WD) and alarm switches (KD) for small currents are available. DPDT auxiliary switches (W2) and DPDT alarm switches (K2) are available.

\*4 Insulation Barriers are required for only flat terminal type. (SG53RCUL, EG102/103CUL)

\*5 Terminal covers are supplied with a breaker as a standard. If required "Long Terminal cover", please specify "TB" in the part number. (see page 8)

\*6 with short terminal cover

\*7 These internal accessories can be installed in the field. (see page 17, 18 for part number)

●: Available. –: Not available.