
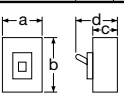


Molded Case Circuit Breakers - EA-UL Series

■ Specifications

Frame size (A)		100		
Type		EA102CUL	EA103CUL	
Appearance (with Screw Terminals, 3 pole)				
Rated insulation voltage (V) (IEC60947-2)		AC	690	
Rated voltage (V) (UL489)		AC	240	
Rated current (A)		60,75,100		
Poles		2	3	
Rated frequency (Hz)		50/60		
Rated interrupting capacity sym (kA)	UL489 CSA22-2	AC	480V	-
			480Y/277V	-
			240V	14
	IEC60947-2 [Icu/Ics]	AC	690V	-
			600V	5/3
			500V	7.5/4
			440V	10/5
			400V	10/5
	JIS C 8370	AC	550V	7.5
			460V	10
220V			25	
Dimensions (mm) with short terminal cover		a	50	
		b	120	
		c	60	
		d	84	
Terminal construction	Screw Terminals		NONE ●	
	Flat Terminals		L1 ●	
	Lug Terminals		L -	
Internal accessories	Auxiliary switch *3		W *6	
	Alarm switch *3		K *6	
	Shunt trip		F *6	
	Undervoltage trip		R *6	
	Accessories with terminal block*1		A *6	
External accessories	Handle locking key	Cap type	Q1 *2 BZ6L10C	
		External Operating Handle	V BZ6V10C N BZ6N10C	
	Field Installable Terminal Kit	Flat Terminal Kit	BZ-SU25B	
		Lug Terminal Kit	-	
	Terminal Covers	For Screw Terminals	Short	BZ6TS10C2U *5
			Long	BZ6TB10C2U *5
		For Flat Terminals	-	
	For Lug Terminals	-		
	Insulation Barrier		BZ6B10C *4	
	Mass (kg) (Screw Terminals)		0.4	0.6

Notes: *1 All internal accessories will be supplied with terminal block when specify "A" in the accessories part number. When ordered with undervoltage trip for 50A Frame and 100A Frame, the undervoltage trip with terminal block will be supplied as a standard. (see page 17, 18)

*2 Order the Handle Lock Cover (BZ6L10C) separately if a handle lock key (cap type Q1) is required for 100A 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.

*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 7)

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

●: Available. -: Not available.