



■ Molded Case Circuit Breakers/Earth Leakage Circuit Breakers

● EA-UL Series

Series	Type	Current [A]	Poles	Voltage [V] AC	Interrupting capacity [kA]		UL File No.
					UL240V	IEC230V	
SA-UL Series 	EA100CUL	60, 70, 75, 80, 90, 100	2	240	14	25	E90584 (UL489)
			3	240	14	25	

● SA-UL Series

Series	Type	Current [A]	Poles	Voltage [V] AC	Interrupting capacity [kA]		UL File No.
					UL240V	IEC230V	
SA-UL Series 	SA50RCUL	3, 5, 10, 15, 20, 30, 40, 50	2	240	14	25	E90584 (UL489)
			3	240	14	25	
	SA100CUL	15, 20, 30, 40, 50, 60, 70, 75, 80, 90, 100	2	240	35	50	
			3	240	35	50	
	SA100CUL	15, 20, 30, 40, 50, 60, 70, 75, 80, 90, 100	2	480	85	100	
			3	480	85	100	
	SA225CUL	125, 150, 175, 200, 225	2	240	35	50	
			3	240	35	50	
	SA225RCUL	125, 150, 175, 200, 225	2	480	85	100	
			3	480	85	100	
	SA400CUL	250, 300, 350, 400	2	240	42	50	
			3	240	42	50	
	SA400RCUL	250, 300, 350, 400	2	480	85	85	
			3	480	85	85	
SA600RCUL	500, 600	3	480	85	85		
SA800RCUL	700, 800	3	480	85	85		

Note 1: Product conforming to UL508: indication in applicable load output [HP].

● External operating handles

Series	Type	Applicable model				UL File No.
		MCCBs		ELCBs		
		E series	S series	E series	S series	
V-type handle	<b>BZ6V10C</b>	EA32AC, 33AC EA52AC, 53AC EA52C, 53C EA62C, 63C EA103AC, 102C, 103C EA102CUL, 103CUL	SA32C, 33C SA52C, 53C SA52RC, 53RC SA62C, 63C SA62RC, 63RC SA52RCUL, 53RCUL	EG32AC, 33AC, 33C EG52AC, 53AC, 53C EG63C EG103AC, 102C, 103C EG102CUL, 103CUL	SG33C SG53C SG53RC SG63C SG63RC SG53RCUL	E93289 (UL489)
	<b>BZ6V30C</b>	-	SA102C, 103C SA102CUL, 103CUL SA102RC, 103RC SA102RCUL, 103RCUL	-	SG103C SG103CUL SG103RC	
	<b>BZ6V40C</b>	EA202C, 203C	SA202C, 203C SA202CUL, 203CUL SA202RC, 203RC SA202RCUL, 203RCUL	EG203C	SG203C SG203CUL SG203RC	
	<b>BZ6V60C</b>	EA402C, 403C	SA402C, 403C SA402CUL, 403CUL SA402RC, 403RC SA402RCUL, 403RCUL	EG403C	SG403C SG403CUL SG403RC	
	<b>BZ6V70C</b>	EA603C, 803C	SA603RC, 803RC SA603RCUL, 803RCUL	EG603C EG803C	SG603RC SG803RC	
N-type handle	<b>BZ6N10C</b>	EA32AC, 33AC EA52AC, 53AC EA52C, 53C EA62C, 63C EA103AC, 102C, 103C	SA32C, 33C SA52C, 53C SA52RC, 53RC SA62C, 63C SA62RC, 63RC	EG32AC, 33AC, 33C EG52AC, 53AC, 53C EG63C EG103AC, 102C, 103C	SG33C SG53C SG53RC SG63C SG63RC	E216772 (UL508)
	<b>BZ6N10CP</b>	EA102CUL, 103CUL	SA52RCUL, 53RCUL	EG102CUL, 103CUL	SG53RCUL	
	<b>BZ6N30CP</b>	-	SA102CUL, 103CUL SA102RCUL, 103RCUL	-	SG103CUL	
	<b>BZ6N40CP</b>	-	SA202CUL, 203CUL SA202RCUL, 203RCUL	-	SG203CUL	
	<b>BZ6N60CP</b>	-	SA402CUL, 403CUL SA402RCUL, 403RCUL	-	SG403CUL	
	<b>BZ6N70CP</b>	-	SA603RCUL, 803RCUL	-	-	
Flange-type handle	<b>BZ6UF30D</b>	-	SA100CUL SA100RCUL	-	SG103CUL	E93289 (UL489)
	<b>BZ6UF40D</b>	-	SA225CUL SA225RCUL	-	SG203CUL	
	<b>BZ6UF60D</b>	-	SA400CUL SA400RCUL	-	SG403CUL	




●  $\alpha$ -TWIN Series (UL 508 listed )



Frame [A]				30					50					60			100								
Type				EG32AC		EG33AC		EG33C			EG52AC		EG53AC		EG53C			EG63C		EG103AC		EG102C		EG103C	
Pole				2		3		3			2		3		3			3		3		2		3	
Rated operating voltage [V] AC				240					240					240			240								
Rated current [A]				5	10	15	20	30	5	10	15	20	30	40	50	60	60	75	100	60	75	100			
UL508	3-phase	Applicable load output [Hp], for 3 poles	AC220-240V	0.5	1	2	2	3	0.5	1	2	2	3	5	7.5	10	10	10	15	10	10	15			
	Single-phase	Applicable load output [Hp]	AC220-240V	1/6	1/3	3/4	1	2	1/6	1/3	3/4	1	2	3	3	5	5	5	7.5	5	5	7.5			
High-speed type	Rated operating AC voltage [V] [UL508 (cUL) ]			240					240					240			240								
	Rated sensitive current $I_{\Delta n}$ [mA] [UL508 (cUL) ]			15, 30, 100					15, 30, 100/200					30, 100/200				100/200	100/200/500						
	Pick-up current [UL1053]			0.7 × rated sensitive current																					
Tripping time (S) [UL1053]				0.1 or less																					
UL File No.				E216772																					

Frame [A]				30					50					60				
Type				SG33C					SG53C					SG63C			SG63RC	
Pole				3					3					3			3	
Rated operating voltage [V] AC				240					240					240			240	
Rated current [A]				3	5	10	15	20	30	5	10	15	20	30	40	50	60	60
UL508	3-phase	Applicable load output [Hp], for 3 poles	AC220-240V	-	0.5	1	2	2	3	0.5	1	2	2	3	5	7.5	10	10
	Single-phase	Applicable load output [Hp]	AC220-240V	-	1/6	1/3	3/4	1	2	1/6	1/3	3/4	1	2	3	3	5	5
High-speed type	Rated operating AC voltage [V] [UL508 (cUL) ]			240					240					240			240	
	Rated sensitive current $I_{\Delta n}$ [mA] [UL508 (cUL) ]			30, 100/200/500					30, 100/200/500					30, 100/200/500		30, 100/200/500		
	Pick-up current [UL1053]			0.7 × rated sensitive current														
Tripping time (S) [UL1053]				0.1 or less														
UL File No.				E216772														

● BU □ A series

Series UL approved	Type	Current [A]	Poles	Voltage [V]		Interrupting capacity [kA]				UL File No.
				AC	DC	AC [V]		DC [V]		
						240	480	250	125/250	
<b>BU-240V dedicated</b> 	<b>BU-ECA</b>	5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 100	2 3	240V	-	10	-	-	-	E90584
	<b>BU-GCA</b>	125, 150, 175, 200, 225	2 3	240V	-	10	-	-	-	
	<b>BU-GDA</b>	125, 150, 175, 200, 225	2 3	240V	-	22	-	-	-	
	<b>BU-KDA</b>	250, 300, 350, 400	2 3	240V	250	22	-	10	10	

● BU □ B series

Series UL approved	Type	Current [A]	Poles	Voltage [V]		Interrupting capacity [kA]					UL File No.
				AC	DC	AC [V]			DC [V]		
						600	480	240	250	125/250	
<b>BU standard</b> 	<b>BU-JSB</b>	125, 150, 175, 200, 225, 250	2 3	600	250	22	30	50	10	10	E90584
	<b>BU-KSB</b>	250, 300, 350, 400	2 3	600	250	22	30	50	10	10	
	<b>BU-LSB</b>	500, 600	2 3	600	250	22	30	50	10	10	
	<b>BU-MSB</b>	700, 800	2 3	600	-	22	30	50	-	-	
	<b>BU-NSB</b>	1000, 1200	2 3	600	-	22	30	50	-	-	
<b>BU high-performance</b> 	<b>BU-JHB</b>	125, 150, 175, 200, 225, 250	2 3	600	250	25	35	65	10	10	E90584
	<b>BU-KHB</b>	250, 300, 350, 400	2 3	600	250	25	35	65	10	10	
	<b>BU-LHB</b>	500, 600	2 3	600	250	25	35	65	10	10	
	<b>BU-MHB</b>	700, 800	2 3	600	-	25	42	65	-	-	
	<b>BU-NHB</b>	1000, 1200	2 3	600	-	25	42	65	-	-	

● BU □ C series

Series UL approved	Type	Current [A]	Poles	Voltage [V]		Interrupting capacity [kA]			UL File No.
				AC	DC	AC [V]		AC [V]	
						240	480	250	
<b>BU-UL/CE certificate Series</b>	<b>BU2EHC</b>	15,20,25,30,35,40,45,	2	480	250	18	14	10	E90584
	<b>BU3EHC</b>	50,60,70,80,90,100	3	600		18	14	10	
	<b>BU2FHC</b>	15,20,25,30,35,40,50,	2	480		65	25	20	
	<b>BU3FHC</b>	60,70,80,90,100 125,150	3	600		65	25	20	