
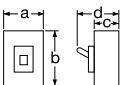


Molded Case Circuit Breakers - G-TWIN Series Specifications

MSA CONTROL - (11) 3961-1171 - comercial@msacontrol.com.br

Frame size (A)		50				100				
Type		BW50RAGU-2P		BW50RAGU-3P		BW100EAGU-2P		BW100EAGU-3P		
Appearance (with Screw Terminals, 3 poles)										
SCCR=UL489 interrupting capacity										
Rated insulation voltage (V) (IEC60947-2)		AC	690		690		690		690	
		DC	-		-		-		-	
Rated voltage (V) (UL489)		AC	240		240		240		240	
Rated current (A)			3,5	10,15,20,30,32,40,50	3,5	10,15,20,30,32,40,50	60,63,70,75,80,90,100			
Poles			2		3		2		3	
Rated frequency (Hz)			50/60		50/60		50/60		50/60	
Rated interrupting capacity sym (kA)	UL489 CAN/CSA C22.2 No.5	AC	600V/Δ	-	-	-	-	-	-	-
			600V/Y	-	-	-	-	-	-	-
			480V/Δ	-	-	-	-	-	-	-
			480V/Y	-	-	-	-	-	-	-
		240V	14	14	14	14	14	14		
		DC	250V	-	-	-	-	-	-	
	IEC60947-2 JIS C 8201-2-1 Icu/Ics	AC	690V	-	-	-	-	-	-	
			600V	5/3	5/3	5/3	5/3	5/3		
			500V	7.5/4	7.5/4	7.5/4	7.5/4	7.5/4		
			440V	10/5	10/5	10/5	10/5	10/5		
			400V	10/5	10/5	10/5	10/5	10/5		
		230V	25/13	25/13	25/13	25/13	25/13			
	DC	250V	5/3	5/3	5/3	5/3	5/3			
	GB14048.2 Icu/Ics	AC	400V	7/4	10/5	7/4	10/5	10/5	10/5	
230V			14/7	25/13	14/7	25/13	25/13	25/13		
Isolation compliance			Compliant		Compliant		Compliant		Compliant	
Utilization category			A		A		A		A	
Dimension inch (mm)		a	1.969(50)		2.953(75)		1.969(50)		2.953(75)	
		b	4.724(120)		4.724(120)		4.724(120)		4.724(120)	
		c	2.362(60)		2.362(60)		2.362(60)		2.362(60)	
		d	3.307(84)		3.307(84)		3.307(84)		3.307(84)	
Terminal construction	Screw terminals	None	●	●	●	●	●	●	●	
	Flat terminals	SF	●	●	●	●	●	●	●	
	Lug terminals	SB	-	-	-	-	-	-	-	
Internal accessories *4	Auxiliary switch	W	BZ6WR10CU	BZ6W*10CU	BZ6WR10CU	BZ6W*10CU	BZ6WR10CU	BZ6W*10CU		
	Auxiliary switch for low current	WD	BZ6WDR10CU	BZ6WD*10CU	BZ6WDR10CU	BZ6WD*10CU	BZ6WDR10CU	BZ6WD*10CU		
	Alarm switch	K	BZ6KR10CU	BZ6K*10CU	BZ6KR10CU	BZ6K*10CU	BZ6KR10CU	BZ6K*10CU		
	Alarm switch for low current	KD	BZ6KDR10CU	BZ6KD*10CU	BZ6KDR10CU	BZ6KD*10CU	BZ6KDR10CU	BZ6KD*10CU		
	Auxiliary & Alarm switch	WK	BZ6WKR10CU	BZ6WK*10CU	BZ6WKR10CU	BZ6WK*10CU	BZ6WKR10CU	BZ6WK*10CU		
	Aux and Alarm for low current	WDKD	BZ6WDKDR10CU	BZ6WDKD*10CU	BZ6WDKDR10CU	BZ6WDKD*10CU	BZ6WDKDR10CU	BZ6WDKD*10CU		
	Shunt trip	F	BZ6F*10CU	BZ6F*10CU	BZ6F*10CU	BZ6F*10CU	BZ6F*10CU	BZ6F*10CU		
	Under voltage trip	R	BZ6R*10CAU	BZ6R*10CU	BZ6R*10CAU	BZ6R*10CU	BZ6R*10CAU	BZ6R*10CU		
Accessories with terminal block	A	*1	*1	*1	*1	*1	*1			
External accessories	Padlocking device (Cap type)*5	Q1	BZ6L10CA	BZ6L10CA	BZ6L10CA	BZ6L10CA	BZ6L10CA	BZ6L10CA		
	Handle locking cover *5		BZ6L10C	BZ6L10C	BZ6L10C	BZ6L10C	BZ6L10C			
	External operating handle	V	BZ6V10D	BZ6V10D	BZ6V10D	BZ6V10D	BZ6V10D			
		N	BZ6N10D	BZ6N10D	BZ6N10D	BZ6N10D	BZ6N10D			
	Field Installable terminal Kit	Flat terminal kit	BZ-SU20B	BZ-SU20B	BZ-SU20B	BZ-SU20B	BZ-SU20B			
		Lug terminal kit	-	-	-	-	-			
	Terminal covers *3	for screw, short type	Provided	Provided	Provided	Provided	Provided			
		for screw, long type	BW9BTAA-L2W	BW9BTAA-L3W	BW9BTAA-L2W	BW9BTAA-L3W	BW9BTAA-L3W			
		for Flat terminal	-	-	-	-	-			
		for Lug terminal	-	-	-	-	-			
Insulation barrier *2			BZ6B10C	BZ6B10C	BZ6B10C	BZ6B10C	BZ6B10C			

*1 For internal accessories with terminal block, specify "A" in the accessory P/N. When 50A Frame & 100A Frame are ordered w/UVT, the UVT is supplied with terminal block as standard.

*2 Insulation barriers are only required with flat terminal.

*3 Short terminal covers are supplied as standard. If long terminal covers are required, please order BW9BTAA-L2W or BW9BTAA-L3W.

*4 These internal accessories can be installed in the field. (see page 39 for part number)

*5 Non-UL item

● : Available, - : Not available

Note: All circuit breakers rated at 80%