

Fuji Electric UL Listed 4-pole MCCB and ELCB's for Semiconductor Application



4-Pole Circuit Breakers

√ Available in 125A, 250A, and 400A frame sizes

Specifications - G-TWIN Series

UL listed 4-pole Molded Case Circuit Breakers (MCCB)

Types		BW125JAGU-4P	BW125RAGU-4P	BW250JAGU-4P	BW250RAGU-4P	BW400RAGU-4P	BW400HAGU-4P
Rated Voltage (V) UL489	AC	600Y/347			480Y/278		600Y/347
	DC	125/250					
Rated current In (A)		15,20,30,40,50,60,70,75,80,90,100,125		125,150,160,175,200,225,250		250,300,350,400	
Rated Breaking Capacities (kA) UL489 (cUL)	AC600V/Y	10	18	10	25	-	25
	AC480V/Y	30	50	30	50	50	65 (50*)
	AC240V	50	100	50	100	100	100
	DC125/250V	10	10	10	10	10	10

* With lug terminals

UL listed 4-pole Earth Leakage Circuit Breakers (ELCB)

Types		EW125JAGU-4P	EW125RAGU-4P	EW250JAGU-4P	EW250RAGU-4P	EW400SAGU-4P	EW400RAGU-4P
Rated voltage	UL	AC240-480					
Rated Current In (A)		15,20,30,40,50,60,75,100,125		125,150,160,175,200,225,250		250,300,350,400	
Rated Sensitive Current (mA)		30, 100/200/500/1000					
Rated Breaking Capacities (kA) UL489 (cUL)	AC480V/Y	30	50	30	50	35	50
	AC240V	50	100	50	100	50	100

Applicable Ring Crimp Terminals for UL application

G-TWIN Series 50AF-250AF Circuit Breakers

Breaker Type	Rated Current (A)	Max Wire Size	Manufacturer (Part Number)	
			JST	NICHIFU
BW50RBGU EW50RBGU	3,5,10,15	14 AWG (2.1mm ²)	2-M5, R2-5	R2-5, R2-5M
	20	12 AWG (3.3mm ²)	3.5-5, 3.5-R5,5.5-5NS, R5.5-5	R3.5-5S, R3.5-5L, R5.5, R5.5-5N, R5.5S
	30	10 AWG (5.3mm ²)	5-S5, 5.5-5NS, R5.5-5	R5.5-5, R5.5-5N, R5.5-5S
	40, 50	8 AWG (8.4mm ²)	8-5NS, 8-NK5, 8-L5NS	R8-5, R8-5S
BW50RAGU EW50RAGU	3,5,10,15	14 AWG (2.1mm ²)	R2-5	R2-5M, R2-5
	20	12 AWG (3.3mm ²)	R5.5-5	R3.5-5S, R3.5-5L
	30	10 AWG (5.3mm ²)	R5.5-5	5.5-6N, R5.5-5S, R5.5-5
	40,50	8 AWG (8.4mm ²)	R8-5	R8-5S, R8-5
BW100EAGU EW100EAGU	60	6 AWG (13.3mm ²)	R14-8	R14-8S, R14-8
	75	4 AWG (21.2mm ²)	22-S8	R22-S8, R22-8
	100	3 AWG (26.7mm ²)	38-S8	R38-8S
BW125 EW125	15	14 AWG (2.1mm ²)	R2-8	R2-8
	20	12 AWG (3.3mm ²)	5.5-S8, R5.5-8	R3.5-8, R5.5-8
	30	10 AWG (5.3mm ²)	5.5-S8, R5.5-8	R5.5-8
	40,50	8 AWG (8.4mm ²)	8-8NS, R8-8	R8-8
	60	6 AWG (13.3mm ²)	14-8NS, 14-S8, R14-8	R14-8S, R14-8
	70,75,80	4 AWG (21.2mm ²)	22-S8, R22-8, CB22-S8	R22-8S, R22-8, CB22-8S
	90,100	3 AWG (26.7mm ²)	38-S8	R38-8S
	125	1 AWG (42.4mm ²)	38-S8	
BW250 EW250	125	1 AWG (42.4mm ²)	38-S8, R38-8	R38-S, R38-8
	150	1/0 AWG (53.5mm ²)	60-S8, R60-8	R60-8, CB60-8, CB60-8S
	175	2/0 AWG (67.4mm ²)	70-8	R70-8
	200	3/0 AWG (85.0mm ²)	CB80-S8	-
	225	4/0 AWG (107.2mm ²)	CB100-S8	-
	250	250 MCM (127mm ²)	CB150-S8	CB150-S8

Manufacturer Contact Information (USA)

JST Sales America Inc.
1957 South Lakeside Dr.
Waukegan, IL 60085
Phone: (847) 473-1957
Website: <http://www.jst.com>

Nichifu America Inc.
2677 American Lane
Elk Grove Village, IL 60007
Phone: (630) 351-1958
Website: <http://nichifu.com>

JST Ring Crimp Terminals



For rated current 3A-30A



For rated current 40A-100A



For rated current 3A-15A



For rated current 20A-60A



For rated current 75A-100A

Nichifu Ring Crimp Terminals



Fuji Electric Corp. of America

47520 Westinghouse Drive, Fremont, CA 94539

Phone: 510-403-7860

x-fea-fuji-dc@fujielectric.com

www.americas.fujielectric.com

Information in this datasheet is subject to change without notice.

*Reference for appearance only