

# BR/SUxxxUC Series

UL 489 and UL 1077 -

AC/DC Rated Miniature Circuit Breakers

Circuit Protection

Weidmüller 

### Engineered Protection for Automation and Process Applications

- Thermal magnetic
- Available for B, C or D curve characteristics
- Common amperage values available 1A to 63A (see back page)

### Design Flexibility

- 1-, 2- and 3-pole options
- Optional accessory modules for signalling, change-over and remote tripping
- Optional cuttable busbars and busbar accessories



### Robust and Reliable

Wide operating temperature from -35°C...+70°C

### Easy Accessory Connection

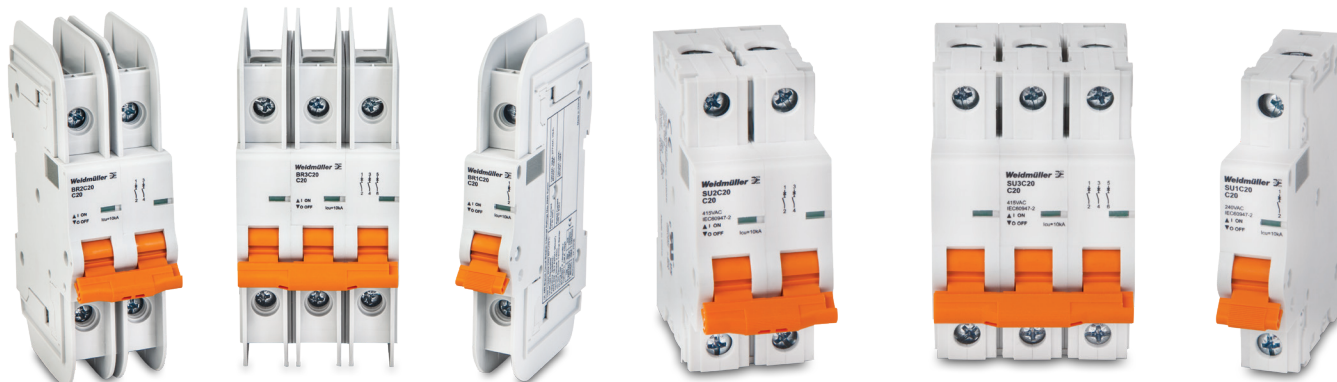
Snap-together construction  
(No screws or extra parts needed)

### Industries

- Pharmaceutical and Food
- Chemical, Oil and Gas
- Automotive Manufacturing
- Rail Vehicles

### Global Approvals

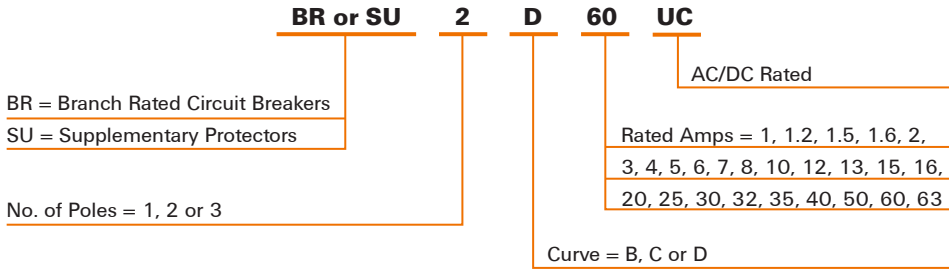
UL, CSA, IEC, CE



UL 489

UL 1077

## BR and SU Part Number Nomenclature



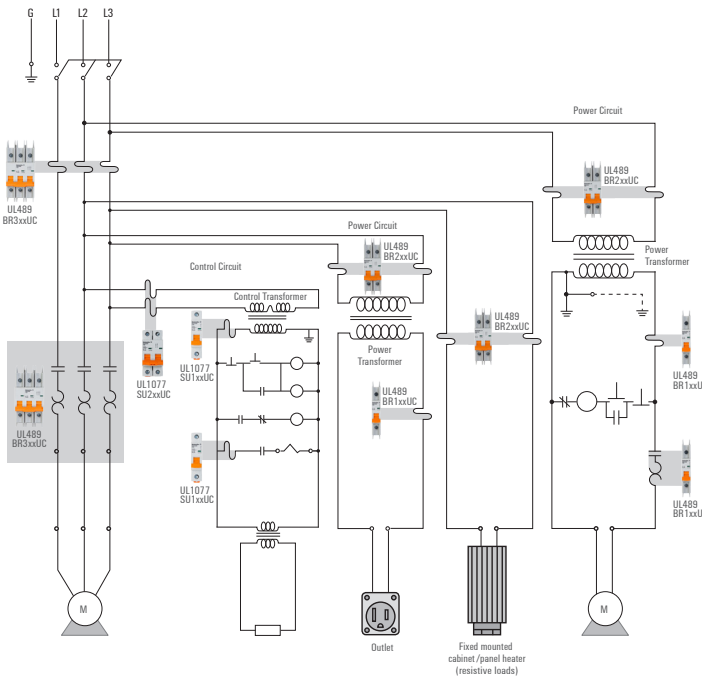
### Sample Part Number

Branch Rated	Description
BR1B10UC	MCB 489 1P B 10A ACDC
Supplementary Protectors	Description
SU3D20UC	MCB 1077 3P D 20A ACDC

### Sample Cutable Busbars for UL 489 and UL 1077 Circuit Breakers

No. of Poles	No. of Devices	No. of Pins	Description	Part Number
1-Pole	57	57	MCB BUS BAR UL489 1 POLE 57 PIN	BRBB157
			MCB BUS BAR UL1077 1 POLE 57 PIN	SB157
2-Pole	28	56	MCB BUS BAR UL489 2 POLE 56 PIN	BRBB256
			MCB BUS BAR UL1077 2 POLE 56 PIN	SB256
3-Pole	19	57	MCB BUS BAR UL489 3 POLE 57 PIN	BRBB357
			MCB BUS BAR UL1077 3 POLE 57 PIN	SB357
3-Pole with Auxiliary Module Spacing	16	48	MCB BUS BAR UL489 3 POLE 48 PIN AUX	BRBB348A
			MCB BUS BAR UL1077 3 POLE 48 PIN AUX	SB3A48

### Typical Installation



### Accessory Modules

Type	Description	Part Number
Auxiliary Contact	MCB AUX Contact 1NC	BAU10UC
Bell Alarm Contact	MCB Bell Alarm Contact 1NC/1NO	BAU11UC
Shunt Trip	MCB SHUNT 1NC/1NO 24VDC	BST24VDC
	MCB SHUNT 1NC/1NO 120VAC	BST120VAC

### Busbar Accessories for UL 489 Cutable Busbars

Description	Part Number
Feeder Terminal, UL 489, 115 A	BRBBPWR35
Endcap for UL 489 Cutable Busbar	BRBBECAP
Protective Cap for UL 489 cutable busbar, 3 caps per bar	BRBBPCAP
Lock-on, Lock-off Device	LD10

For UL 1077 Supplementary Busbar Accessories see LIT1617 Product Guide

### Information

Information is available for download on the web at [www.weidmuller.com](http://www.weidmuller.com).

Ref. No.	Description
LIT1617	BR/SUxxxUC Series Product Guide

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