

SPECIFICATIONS:

**UL 489 BRANCH CIRCUIT BREAKERS ELECTRICAL SPECIFICATIONS**

		1 POLE	1 + N POLE	2 POLE	3 POLE	3 + N POLE
ELECTRICAL GENERAL						
	UNITS					
Rated Operating Current	A	0.5 ~ 63				
Operating Frequency	Hz	50/60				
Electrical Life	Ops.	6,000				
Line/Load Wiring		Suitable for reverse feed				
ELECTRICAL UL/CSA APPLICATIONS						
Conformity to Standards		cULus, UL 489, CSA C22.2 No. 5				
AC Rated Operating Voltage	V	277		480Y/277		
DC Rated Operating Voltage	V	60*	—	125* (wired in series)	—	—
MAXIMUM SHORT CIRCUIT RATING						
@ 120 VAC	kA	10				
@ 240 VAC	kA	10				
@ 277 VAC	kA	10				
@ 480Y/277 VAC	kA	10				
@ 60 VDC	kA	10	—	10	—	—
@ 125 VDC (wired in series)	kA	—	—	10	—	—
ELECTRICAL IEC APPLICATIONS						
Conformity to Standards		IEC 60947-2, IEC 60898				
ULTIMATE SHORT CIRCUIT BREAKING CAPACITY (I_{cs})						
@ 240 VAC	kA	10				
@ 415 VAC	kA	10				
RATED SERVICE SHORT CIRCUIT BREAKING CAPACITY (I_{cs})						
@ 240 VAC	kA	10				
@ 415 VAC	kA	10				

*NOTE: Available on request, please consult factory.

UL 489 BRANCH CIRCUIT BREAKERS MECHANICAL, ENVIRONMENTAL & CONSTRUCTION SPECIFICATIONS

		1 POLE	1 + N POLE	2 POLE	3 POLE	3 + N POLE
MECHANICAL						
	UNITS					
Mechanical Endurance	Ops.	20,000				
ENVIRONMENTAL						
Ambient Operating Temperature	°C/°F	-25 to 55 / -13 to 131				
Ambient Storage Temperature	°C/°F	-40 to 80 / -40 to 176				
Calibration Temperature	°C/°F	40 / 104				
Altitude	m/ft.	2,000 / 6,562				
Shock	G	15				
CONSTRUCTION						
INGRESS PROTECTION						
Line & Load Terminations	IP	20				
WEIGHT						
	kg	0.125	0.25	0.25	0.37	0.50
	lbs	0.275	0.55	0.55	0.825	1.10
CONDUCTOR SIZE						
UL/CSA	AWG	1 x #18 ~ #3, 2 x #18 ~ #10				
Solid, Stranded, Fine Stranded	mm ²	1 x 0.8 ~ 26.7				
TERMINAL WIRING CONNECTION						
Wire Type		Copper wire only, 60/75° C				
TERMINAL TORQUE						
	Nm/lb.-in.	2.5 / 22.2				
ROHS COMPLIANCE		For RoHS compliance documentation by product, refer to www.c3controls.com				