

SPECIFICATIONS:

		1 POLE	1 + N POLE	2 POLE	3 POLE	3 + N POLE
<b>UL 489 BRANCH CIRCUIT BREAKERS ELECTRICAL SPECIFICATIONS</b>						
<b>ELECTRICAL GENERAL</b>						
	<b>UNITS</b>					
Rated Operating Current	A	0.5 - 63				
Operating Frequency	Hz	50/60				
Electrical Life	Ops.	6,000				
Line/Load Wiring		Suitable for reverse feed				
<b>ELECTRICAL UL/CSA APPLICATIONS</b>						
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)	—	—
<b>MAXIMUM SHORT CIRCUIT RATING</b>						
@ 120 VAC	kA	10				
@ 240 VAC	kA	10				
@ 277 VAC	kA	10				
@ 480Y/277 VAC	kA	10				
@ 48 VDC	kA	10	—	10	—	—
@ 96 VDC (wired in series)	kA	—	—	10	—	—
<b>ELECTRICAL IEC APPLICATIONS</b>						
Conformity to Standards		IEC 60947-2, IEC 60898				
<b>ULTIMATE SHORT CIRCUIT BREAKING CAPACITY (I<sub>cs</sub>)</b>						
@ 240 VAC	kA	10				
@ 415 VAC	kA	10				
<b>RATED SERVICE SHORT CIRCUIT BREAKING CAPACITY (I<sub>cs</sub>)</b>						
@ 240 VAC	kA	10				
@ 415 VAC	kA	10				
*NOTE: Available on request, please consult factory.						

		1 POLE	1 + N POLE	2 POLE	3 POLE	3 + N POLE
<b>UL 489 BRANCH CIRCUIT BREAKERS MECHANICAL, ENVIRONMENTAL &amp; CONSTRUCTION SPECIFICATIONS</b>						
<b>MECHANICAL</b>						
	<b>UNITS</b>					
Mechanical Endurance	Ops.	20,000				
<b>ENVIRONMENTAL</b>						
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				
<b>CONSTRUCTION</b>						
<b>INGRESS PROTECTION</b>						
Line & Load Terminations	IP	20				
<b>WEIGHT</b>						
	kg	0.125	0.25	0.25	0.37	0.50
	lbs	0.275	0.55	0.55	0.825	1.10
<b>CONDUCTOR SIZE</b>						
UL/CSA	AWG	1 x #14 ~ #3				
Solid, Stranded, Fine Stranded	mm <sup>2</sup>	1 x 2.08 ~ 26.7				
<b>TERMINAL WIRING CONNECTION</b>						
Wire Type		Copper wire only, 60/75° C				
<b>TERMINAL TORQUE</b>						
	Nm/lb-in.	2.5 / 22.2				
<b>ROHS COMPLIANCE</b>		For RoHS compliance documentation by product, refer to <a href="http://www.c3controls.com">www.c3controls.com</a>				