

SPECIFICATIONS:

ELECTRICAL					
		1 POLE	2 POLE	3 POLE	4 POLE
ELECTRICAL GENERAL					
	UNITS				
Rated Operating Current	A	0.5 ~ 63			
Electrical Life	Ops.	6,000			
Tripping Curves		C, D			
ELECTRICAL UL/CSA APPLICATIONS					
Conformity to Standards		UL 489B, CSA C22.2 No. 305 as Photovoltaic Breakers			
DC Rated Operating Voltage	VDC	250	500	750	1000
MAXIMUM SHORT CIRCUIT RATING					
@ 250 VDC	kA	10			
@ 500 VDC	kA	10			
@ 750 VDC	kA	10			
@ 1000 VDC	kA	10			

MECHANICAL, ENVIRONMENTAL & CONSTRUCTION					
		1 POLE	2 POLE	3 POLE	4 POLE
MECHANICAL					
	UNITS				
Mechanical Endurance	Ops.	20,000			
ENVIRONMENTAL					
Ambient Operating Temperature	°C / °F	-20 to 50 / -4 to 122			
Ambient Storage Temperature	°C / °F	-25 to 80 / -13 to 176			
Calibration Temperature	°C / °F	40 / 104			
Altitude	m / ft.	2,000 / 6,562			
Shock	G	15			
CONSTRUCTION					
Poles (availability)		1, 2, 3 and 4 Pole			
Mounting		Standard 35mm DIN Rail			
Width of MCB		17.5mm			
Terminal Screws		Captive			
INGRESS PROTECTION					
Line & Load Terminations	IP	20			
WEIGHT					
	kgs	0.125	0.25	.37	0.50
	lbs	0.275	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 0.82 ~ 26.7			
TERMINAL WIRING CONNECTION					
Wire Type		Copper wire only, 75°C			
TERMINAL TORQUE					
	Nm / lb-in.	2.5 / 22.2			
CONTACT INDICATION		Green and Red			
DESIGN		Trip Free Design (breaker cannot be defeated by holding the handle in the "ON" position)			
ROHS COMPLIANCE		For RoHS compliance documentation by product, refer to c3controls.com			