

750V DC

SQUARE-BODY FUSES/SPECIAL PURPOSE

SIZE: 122



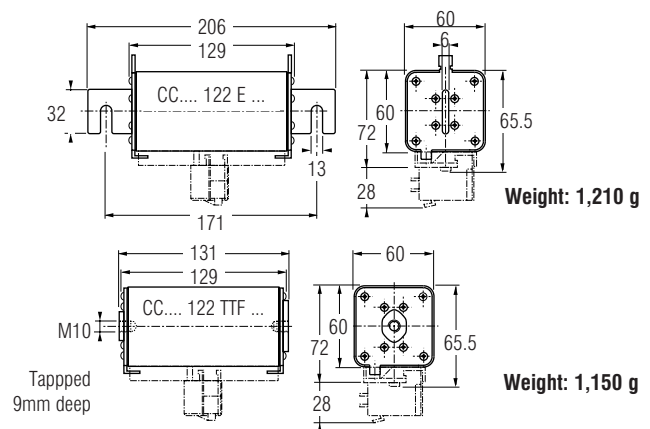
Ratings

- 250 to 500 Amps
- 750vdc at 100kA L/R=100mSec
- 900vdc 100kA L/R=40mSec

Features/Benefits

- **Blown Fuse** indicator
- **Square** ceramic body
- **Full range** D.C. operation
- Bladed and tapped versions standard

➤ Dimensions



APPLICATIONS DATA

SIZE	CURRENT RATING I_N (A)	INTERRUPTING RATING	MAXIMUM I^2t @900V=L/R 40ms		WATTS LOSS		CATALOG NUMBER (1)	REF. NUMBER
			$I_p=10I_N$	$I_p=50I_N$	$0.8 I_N$	I_N		
122	250	@ 750V DC 100kA L/R = 100ms	1.25×10^6	250,000	25.5	46.7	CC 7,5 gRC 122 EF 0250	A087331
	315		2×10^6	400,000	31.5	58	CC 7,5 gRC 122 EF 0315	B087332
	350		2.5×10^6	500,000	35	64.5	CC 7,5 gRC 122 EF 0350	W221141
	400		3.1×10^6	600,000	40.5	74.5	CC 7,5 gRC 122 EF 0400	L089388
	450		4×10^6	800,000	49	90	CC 7,5 gRD 122 EF 0450	P220951
	500		6.2×10^6	1.25x10 ⁶ *	52	95	CC 7,5 gRD 122 EF 0500	Q220952
	250		@ 900 V DC = 100kA L/R = 40ms	1.25×10^6	250,000	25.5	46.7	CC 7,5 gRC 122 TTF 0250
	315	2×10^6		400,000	31.5	58	CC 7,5 gRC 122 TTF 0315	M085249
	350	2.5×10^6		500,000	35	64.5	CC 7,5 gRC 122 TTF 0350	G220898
	400	3.1×10^6		600,000	40.5	74.5	CC 7,5 gRC 122 TTF 0400	C090438
	450	4×10^6		800,000	49	90	CC 7,5 gRD 122 TTF 0450	R220953
	500	6.2×10^6		1.25x10 ⁶ *	52	95	CC 7,5 gRD 122 TTF 0500	S220954

*MAX. I^2t @ 800V=, L/R=40ms

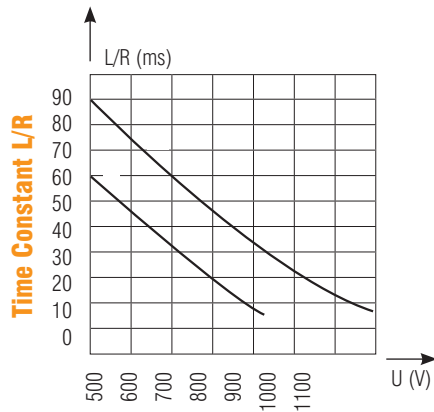
Microswitch: MC 3E 1-5N Ref. Number: D310020

Contact factory for holder

750V DC

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DC Voltage Capabilities vs. Time Constant

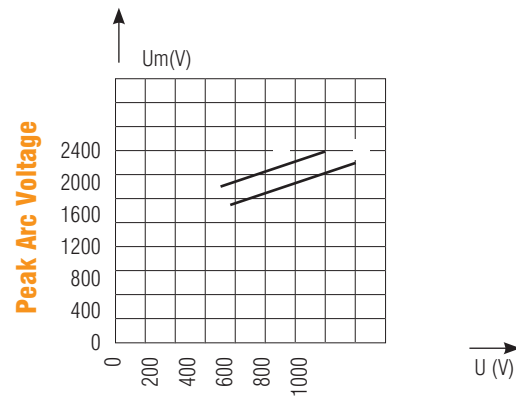


DC Voltage Capability

1-gRC-gRD (250-450A)
2-gRD 500A

Above: Curve indicates maximum permissible value of time constant L/R as a function of DC working voltage.

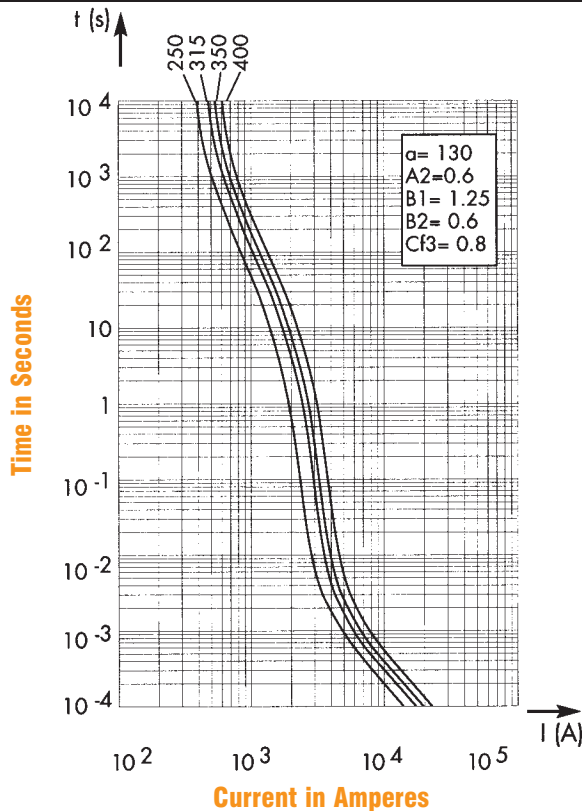
Peak Arc Voltage vs. Working Voltage



Circuit Voltage

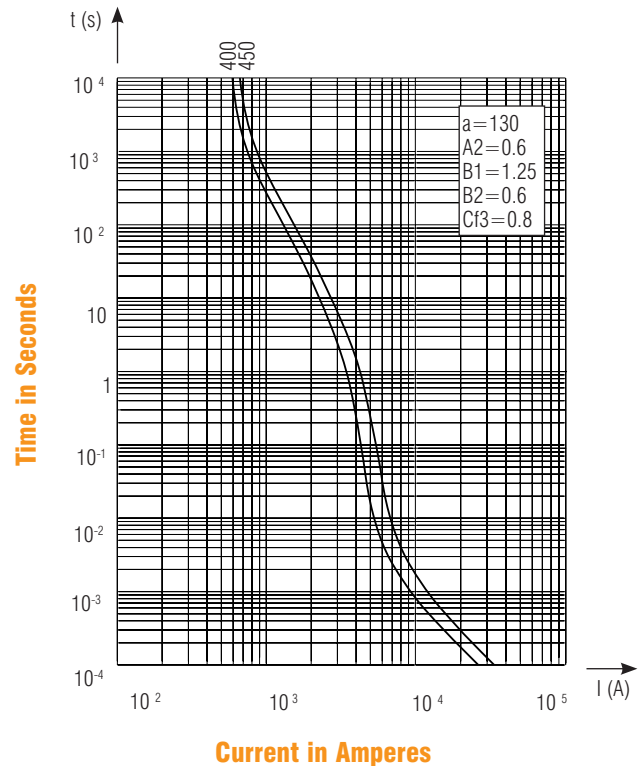
1-L/R = 100ms
2-L/R = 40ms

Melting Time-Current Data



Current in Amperes

Above: Curves indicate, for each rated current, pre-arcing (melting) time vs. R.M.S. pre-arcing (melting) current.



Current in Amperes

± 7% tolerance for mean pre-arcing (melting) current

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