

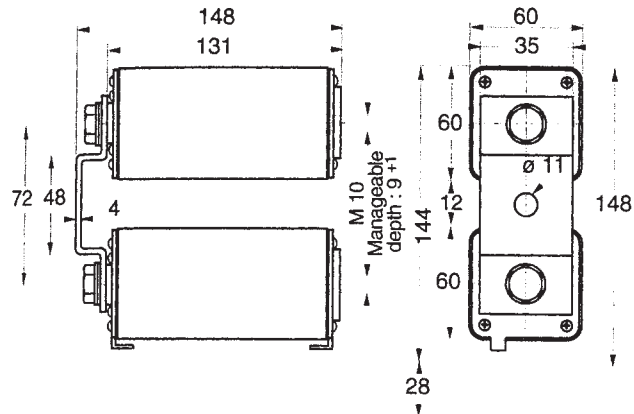
750V DC

SQUARE-BODY/SPECIAL PURPOSE



750 V DC gRC - gRD from 500 to 900 A Size 2x122

► Dimensions



Weight: 2,825 g

MAIN CHARACTERISTICS

SIZE	CURRENT RATING I_N (A)	INTERRUPTING RATING	MAXIMUM I^2t (A ² s) @900V=L/R 40ms		WATTS LOSS		CATALOG NUMBER	REF. NUMBER
			$I_p=10I_N$	$I_p=50I_N$	$0.8 I_N$	I_N		
2 x 122	500	@ 900V DC 100kA L/R = 40ms	$5 \cdot 10^6$	$1 \cdot 10^6$	51	94	CC 7,5 gRC 2122 TTF 0500	Q 090473
	630		$8 \cdot 10^6$	$1.6 \cdot 10^6$	63	116	CC 7,5 gRC 2122 TTF 0630	R 090474
	800		$12.4 \cdot 10^6$	$2.4 \cdot 10^6$	81	149	CC 7,5 gRC 2122 TTF 0800	S 090475
	900		$16 \cdot 10^6$	$3.2 \cdot 10^6$	98	180	CC 7,5 gRD 2122 TTF 0900	T 220955
2 x 122	1000	@ 750 V DC 100kA L/R = 100ms	maximum I^2t (A ² s) @800V DC L/R 40ms		104	190	CC 7,5 gRD 2122 TTF 1000	V 220956
			$I_p=10I_N$	$I_p=50I_N$				
			$25 \cdot 10^6$	$4.8 \cdot 10^6$				

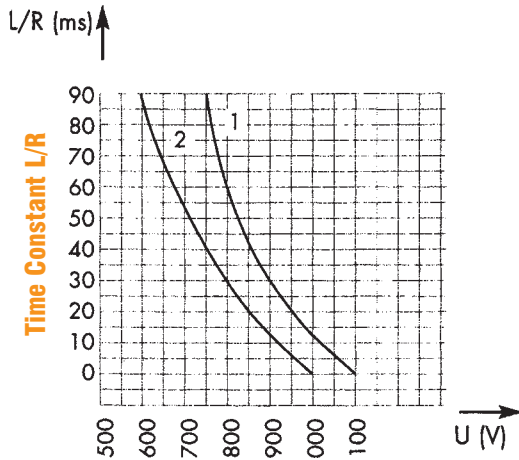
Microswitch: MC 3E 1-5N Ref. Number: D310020

750V DC

SQUARE-BODY/SPECIAL PURPOSE

ELECTRICAL CHARACTERISTICS

DC Application Data

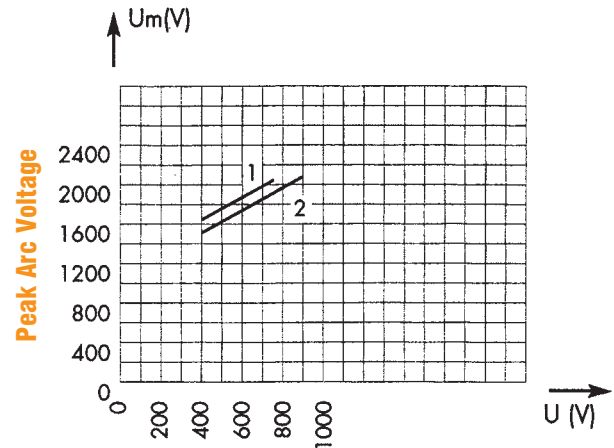


DC Voltage Capability

- 1 : curve gRC - gRD 900
- 2 : curve gRD 1000

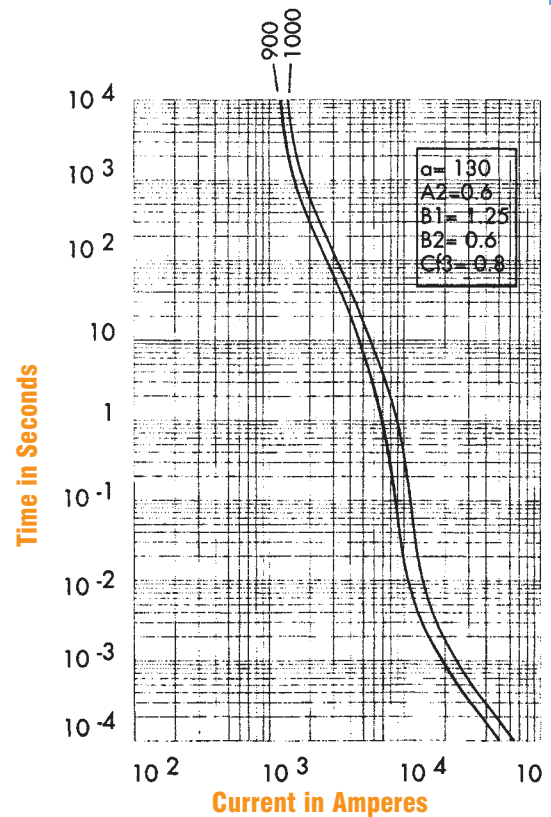
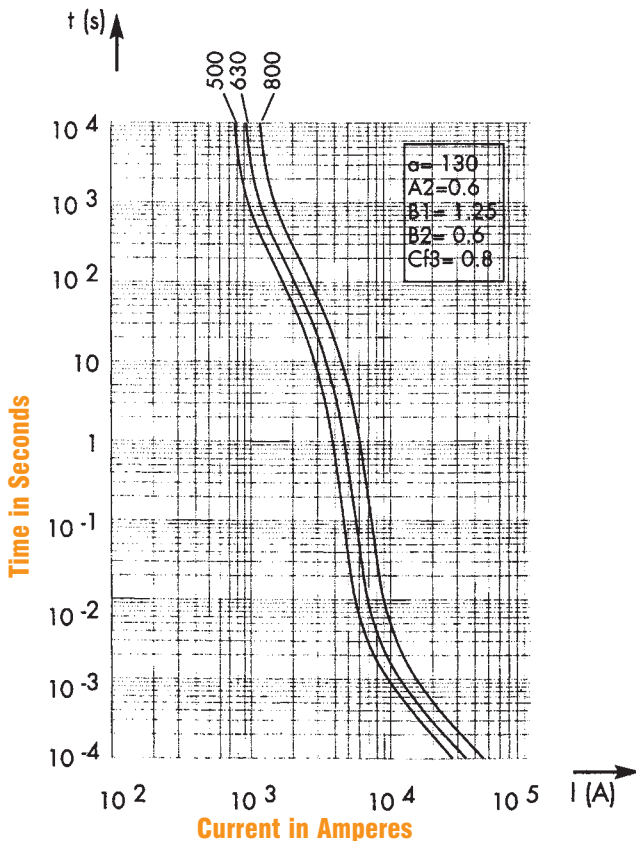
Above: Curves indicate maximum permissible value of time constant L/R as a function of DC working voltage

Peak Arc Voltage vs. Working Voltage



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

Melting Time vs. Current Characteristics



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

± 7% tolerance for mean pre-arcing melting current