

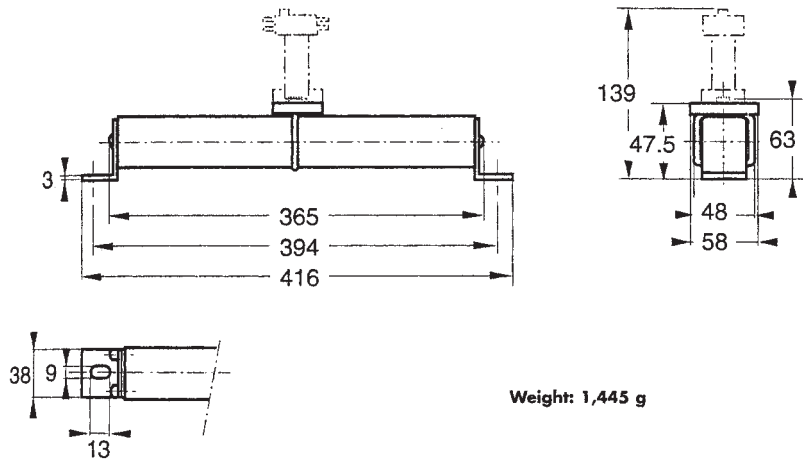
3500-4000V DC

SQUARE-BODY/SPECIAL PURPOSE



3500-4000 V DC gRB - grD from 6 to 125 A Size 600

► Dimensions



MAIN CHARACTERISTICS

SIZE	CURRENT RATING	INTERRUPTING RATING	WATTS LOSS		CATALOG NUMBER (1)	REF. NUMBER
			$0.8I_N$	I_N		
600	6	@ 3500 V DC 30kA L/R = 30 ms	5.3	9.5	CC 35 gRB 600 QF 0006	S 083736
	8		7	12.7	CC 35 gRB 600 QF 0008	R 083735
	10		10.2	18.5	CC 35 gRB 600 QF 0010	N 089390
	12		11	20	CC 35 gRB 600 QF 0012	V 082220
	16		13.1	24	CC 35 gRB 600 QF 0016	P 089391
	20		14	25.4	CC 35 gRB 600 QF 0020	Q 089392
	25		18	32.5	CC 35 gRB 600 QF 0025	R 089393
	32	@ 4000 V DC 30kA L/R = 30 ms	25.5	46	CC 40 gRB 600 QF 0032	A 086963
	40		35	63	CC 40 gRB 600 QF 0040	B 086964
	50		29	52	CC 40 gRB 600 QF 0050	C 086965
	63		42	76.5	CC 40 gRB 600 QF 0063	D 086966
	80		51	92	CC 40 gRB 600 QF 0080	E 086967
	80	@ 4000 V DC 30kA L/R = 30 ms	3.9	67	CC 40 gRD 600 QF 0080	B 075763
	100		50.5	88	CC 40 gRD 600 QF 0100	C 075764
	125		63	110	CC 40 gRD 600 QF 0125	D 075765

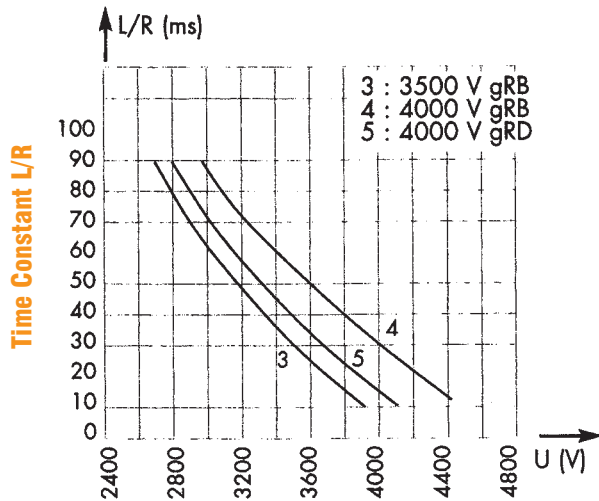
Microswitch: 2R 3E 1-5N BS Ref. Number: J310025

3500-4000V DC

SQUARE-BODY/SPECIAL PURPOSE

ELECTRICAL CHARACTERISTICS

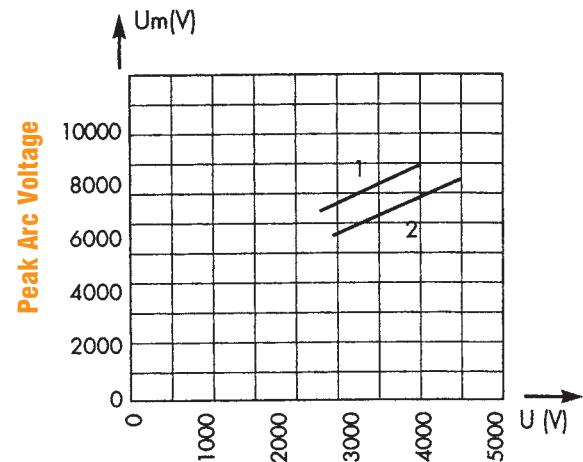
DC Voltage Capabilities vs. Time Constant



DC Voltage Capability

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

Peak Arc Voltage vs. Working Voltage

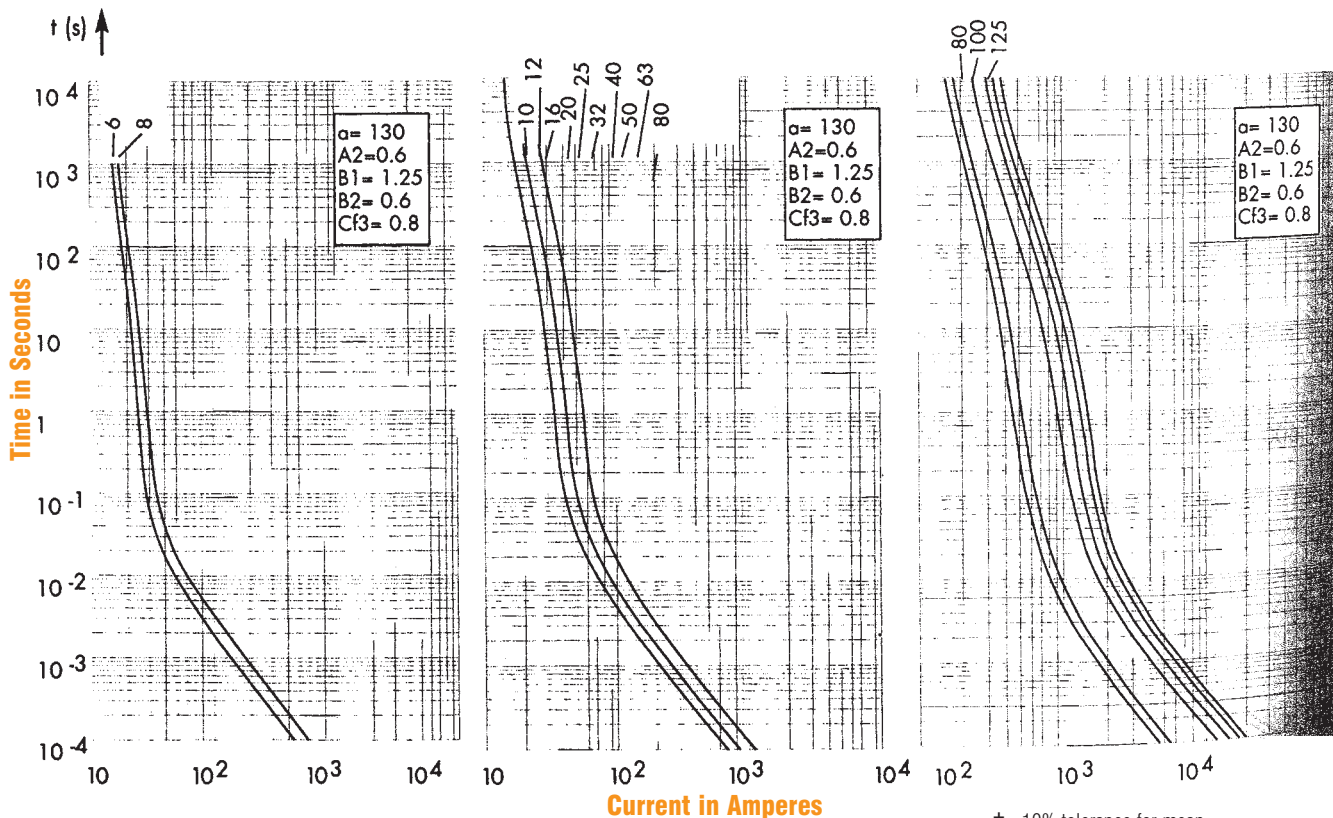


Circuit Voltage

1: $L/R = 30 \text{ ms-3500-4000 V gRB}$
2: $L/R = 15 \text{ ms 4000 V gRD}$

G

Melting Time vs. Current Data



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

± 10% tolerance for mean pre-arcing (melting) current