

1500V DC

FERRULE FUSES/SPECIAL PURPOSE



1500 V DC gRC-gRD from 40 to 100 A Size 36x190

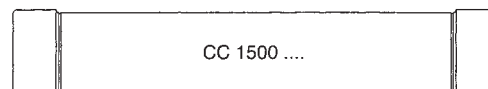
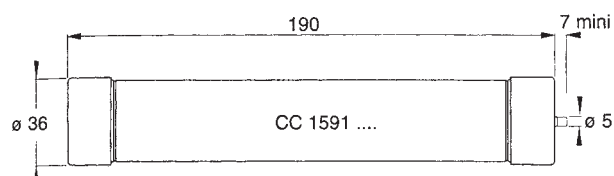
Ratings

- 40 to 100 Amps
- 1500VDC
- Max AC Voltage (50/60 Hz)
3000V @ 50k A I.R.

Features/Benefits

- **Full Range D.C.** operation
- **36x190mm** ceramic cylindrical body

➤ Dimensions



Trip Force: 4.5N (1lb) at 0 mm-2.5N (1/2lb) at 7mm (1/4") when so equipped

MAIN CHARACTERISTICS

SIZE (mm)	CURRENT RATING I_N (A)	INTERRUPTING RATING	WATTS LOSS		CATALOG NUMBER	REF. NUMBER
			$0.8I_N$	I_N		
36 x 190	40	@ 1500 VDC 60kA L/R = 60 ms	14	26	CC 1591 CP gRC 36x190/40	M 080419
	50		16.5	30	CC 1591 CP gRC 36x190/50	N 080420
	63		20.6	38	CC 1591 CP gRC 36x190/63	P 080421
	80		18	33	CC 1591 CP gRD 36x190/80	N 221134
	100		23	42	CC 1591 CP gRD 36x190/100	Y 220154
	40	@ 1500 VDC 60kA L/R = 30 ms	14	26	CC 1500 CP gRC 36x190/40	H 089477
	50		16.5	30	CC 1500 CP gRC 36x190/50	J 089478
	63		20.6	38	CC 1500 CP gRC 36x190/63	K 089479
	80		18	33	CC 1500 CP gRD 36x190/80	Q 078007
	100		23	42	CC 1500 CP gRD 36x190/100	K 078025

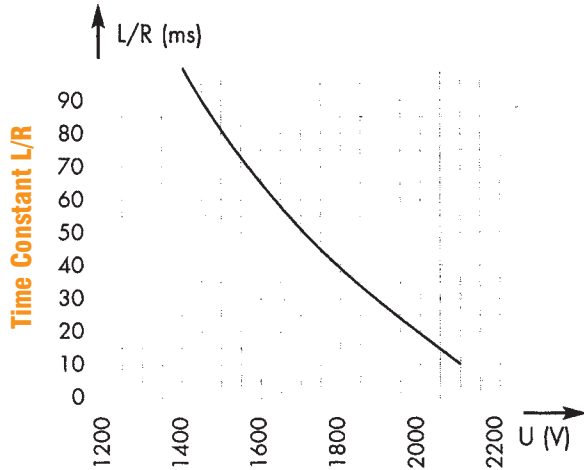
Blown fuse indicator minimum trip voltage : 90 V

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ELECTRICAL CHARACTERISTICS

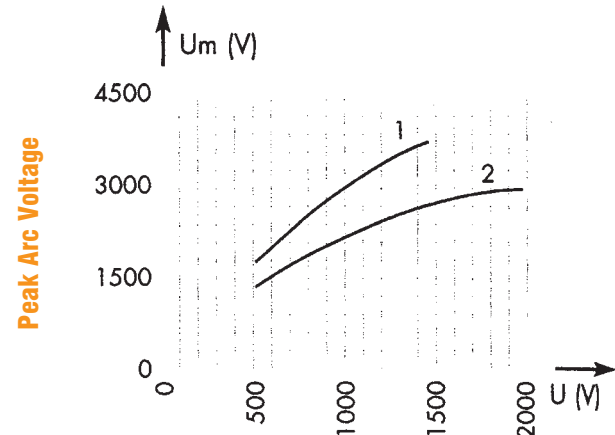
DC Voltage Capability vs. Time Constant



DC Voltage Capability

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

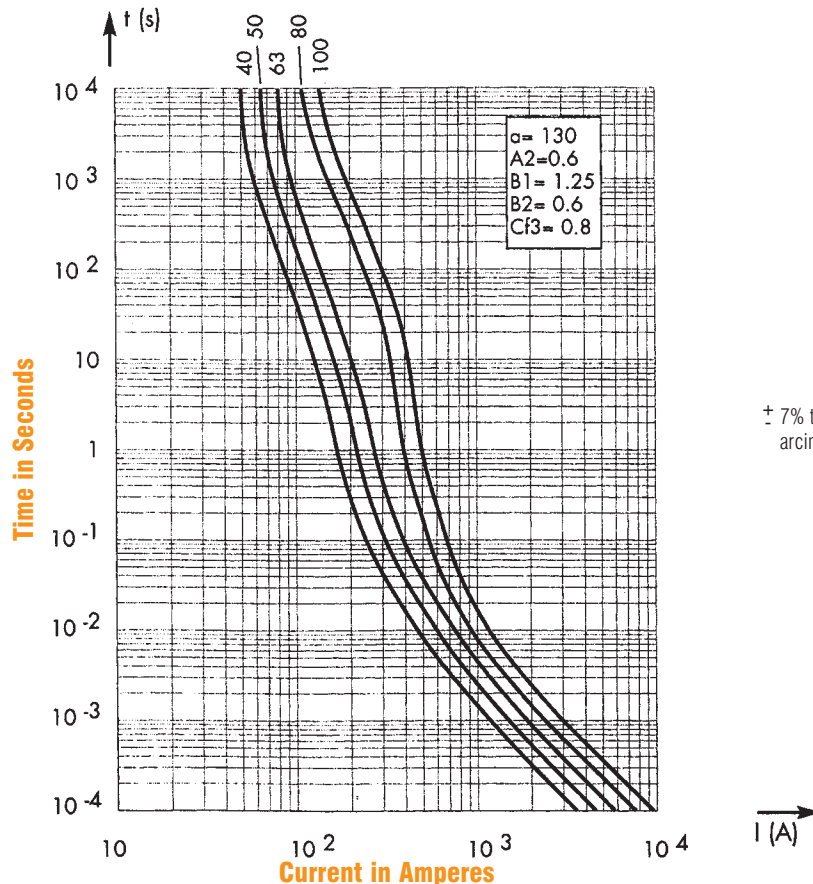
Peak Arc Voltage vs. Working Voltage



Circuit Voltage

1- $L/R = 45$ ms
2- $L/R = 15$ ms

Melting Time vs. Current Data



$\pm 7\%$ tolerance for mean pre-arcing (melting) current

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