

1500V DC

FERRULE FUSES/SPECIAL PURPOSE

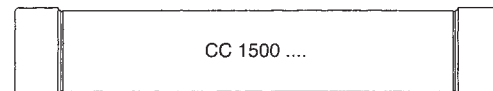
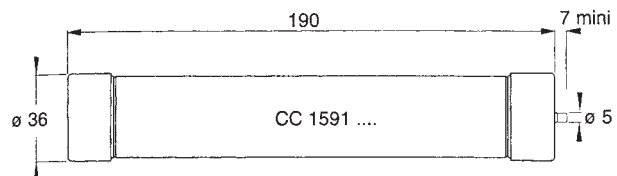


1500 V DC gRC-gRD from 40 to 100 A Size 36x190

Ratings	Features/Benefits
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- | | |
|---|--|
| <ul style="list-style-type: none"> ➤ 40 to 100 Amps ➤ 1500VDC ➤ Max AC Voltage (50/60 Hz) 3000V @ 50k A I.R. | <ul style="list-style-type: none"> ➤ 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

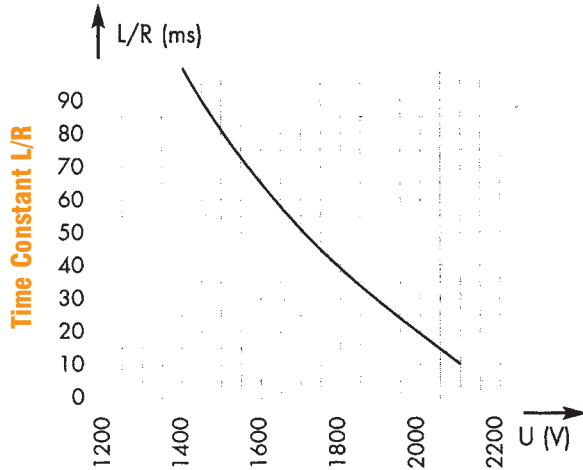
Blown fuse indicator minimum trip voltage : 90 V

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ELECTRICAL CHARACTERISTICS

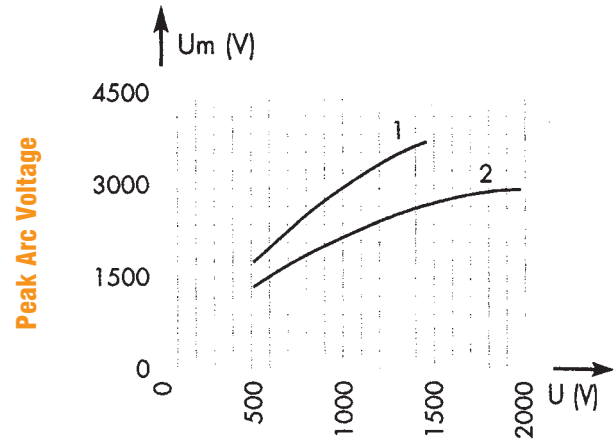
DC Voltage Capability vs. Time Constant



DC Voltage Capability

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

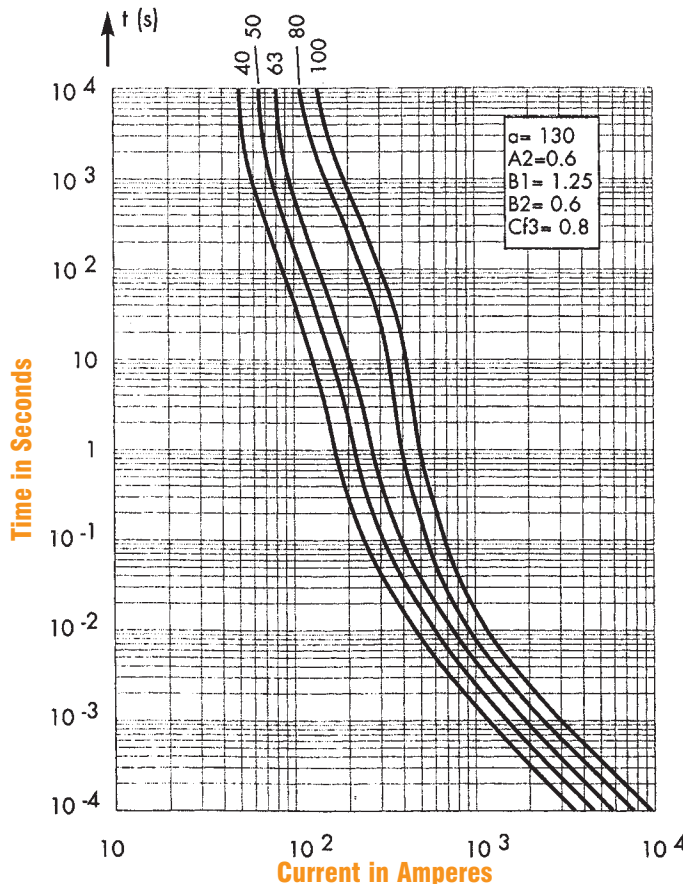
Peak Arc Voltage vs. Working Voltage



Circuit Voltage

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

Melting Time vs. Current Data



± 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.