French Ferrule 6.900-6.921 cp gRC-URD

600 - 690 V ~
gRC - URD from 20 to 135 A
Size: 22 x 58

- EXTREMELY HIGH INTERRUPTING RATING FUSES: PROTECTION OF SEMICONDUCTORS IN COMPLIANCE WITH IEC STANDARD 269.1 AND 4
- 690 V VOLTAGE RATING (CURRENT RATING 20 TO 100 A) AS PER IEC 33
- gR CLASS (CURRENT RATING 20 TO 100 A) ACCORDING TO VDE 636-23
  - CLEARING ALL OVERLOADS
  - IMPROVED SAFETY AND PROTECTION
  - ENABLING SELECTIVE COORDINATION AMONG ALL DISTRIBUTION CIRCUIT FUSES
- aR CLASS (CURRENT RATING 125 AND 135 A) AS PER VDE 636-23 AND IEC 269.4
- TWO MODELS COMPLYING WITH NF C 63210 AND 63211 WITH OR WITHOUT TRIP-INDICATOR
- gRC FUSES ARE 700VAC-DC UL RECOGNIZED c UL us



MAIN CHARACTERISTICS

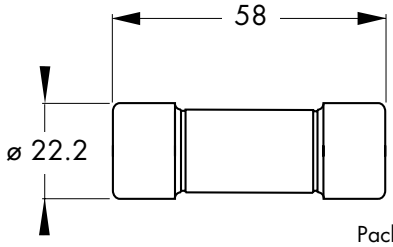
Voltage rating U_N (V)	Class	Current rating I_N (A)	Pre-arcing I^2t @ 1 ms I^2t_p (A^2s)	Total clearing I^2t @ UN I^2t_t (A^2s)	Watts loss 0.8 I_N	Watts loss I_N	Tested interrupting rating	Estimated interrupting rating
690	gRC	20 25 32 40 50 63 80 100	17 39 72 118 242 430 970 2080	125 280 490 785 1390 2460 5565 11950	4.0 4.5 5.0 5.5 7.0 8.0 9.0 10	6.5 7.5 9.0 10 11.5 13.5 15.5 17	100k A @ 690 V	300k A @ 690 V
600	URD	125 135	2900 3360	14000 17700	14 15	22 25	100k A @ 600 V	300k A @ 600 V

Minimum operating voltage for the trip-indicator: 20 V

See Fuse Blocks and Fuse Holders section and Medium Voltage fuse clips

French Ferrule 6.900-6.921 cp gRC-URD

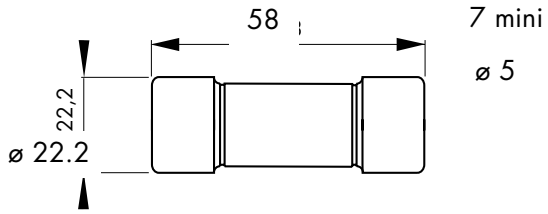
22 X 58 WITHOUT TRIP-INDICATOR



Weight: 57 g
Packaging: 10 pieces

Current rating	Catalog Number	Ref. Number
20	6,900 CP gRC 22.58 20	C 220940
25	6,900 CP gRC 22.58 25	B 220916
32	6,900 CP gRC 22.58 32	A 220915
40	6,900 CP gRC 22.58 40	Z 220914
50	6,900 CP gRC 22.58 50	Y 220913
63	6,900 CP gRC 22.58 63	X 220912
80	6,900 CP gRC 22.58 80	Y 220821
100	6,900 CP gRC 22.58 100	W 220911

22 X 58 WITH TRIP-INDICATOR



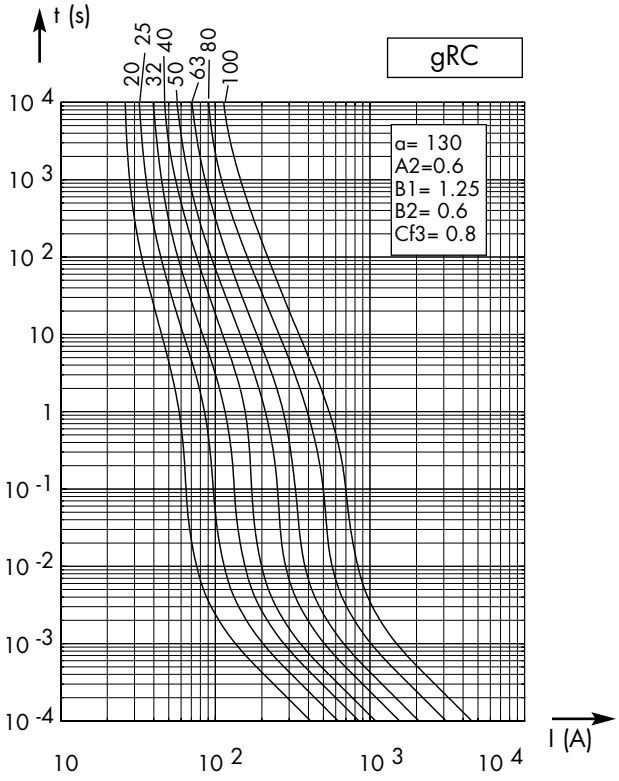
Weight: 57 g
Packaging: 10 pieces

Current rating	Catalog Number	Ref. Number
20	6,921 CP gRC 22.58 20	D 220734
25	6,921 CP gRC 22.58 25	G 220921
32	6,921 CP gRC 22.58 32	F 220920
40	6,921 CP gRC 22.58 40	E 220919
50	6,921 CP gRC 22.58 50	D 220918
63	6,921 CP gRC 22.58 63	C 220733
80	6,921 CP gRC 22.58 80	X 220820
100	6,921 CP gRC 22.58 100	C 220917
125	621 CP URD 22.58 125	A 220708
135	621 CP URD 22.58 135	B 220709

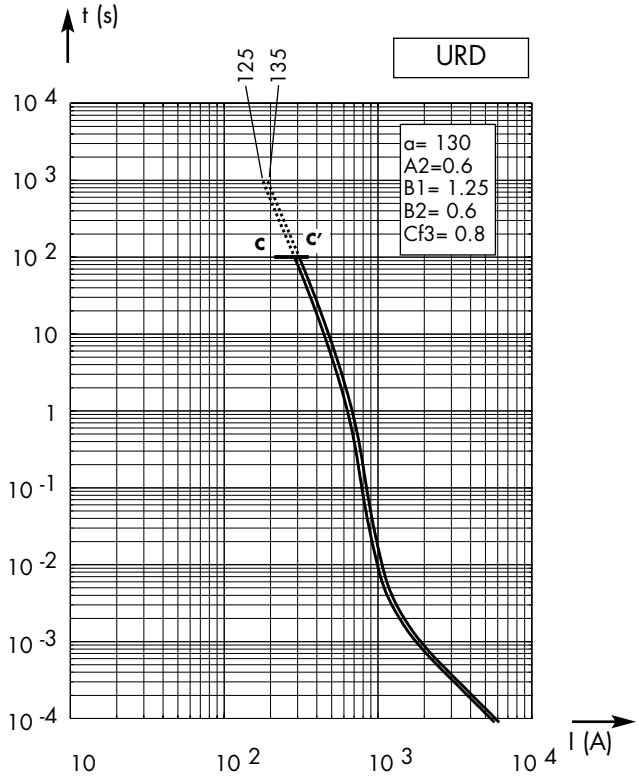
c UL us except 125 and 135A rating

ELECTRICAL CHARACTERISTICS

Time vs current characteristics



These curves indicate, for each rated current, pre-arcing time vs. R.M.S. pre-arcing current



Tolerance for mean pre-arcing current
± 9% for all current ratings