

WESTCODE

An IXYS Company

Date:- 17 Mar, 2005

Data Sheet Issue:- 1

Ultra Rapid Semiconductor Protection Fuse French Ferrule Type









French Ferrule Fuses
Voltage Rating 690V
Current Ratings from 20A to 100A
Size 22x58











Key Features:

- ❖ Extremely high interrupting rating fuses protection of power semiconductors as per IEC Standard 60269.1 and 4.
- ❖ 660V to 690V voltage rating complying with IEC 33
- ❖ Non Magnetic construction
- ❖ gR Characteristics with current ratings from 1A to 32A in accordance with VDE 636-23
 - Clearing all overloads
 - Improved safety and protection
 - Enabling selective co-ordination among all distribution circuit fuses
- ❖ All models available with or without trip-indicator
- ❖ gRC fuses are 700VAC-DC UL recognised

Main Characteristics:

Size	Voltage U_N (V)	Ref:		Current rating I_N (A)	Pre-arcing $I^2t @ 1 \text{ ms}$ $I^2t_p(A^2s)$	Total Clearing $I^2t @ U_N (A^2s)$	Power Losses $0.8I_N$ I_N		Tested Interrupting rating tested
22x58 without trip indicator	690V	F070C020N		20	17	125	4	6.5	100kA @ 690V
		F070C025N		25	39	280	4.5	7.5	
		F070C032N		32	72	490	5	9	
		F070C040N		40	118	785	5.5	10	
		F070C050N		50	242	1390	7	11.5	
		F070C063N		63	430	2460	8	13.5	
		F070C080N		80	970	5565	9	15.5	
		F070C100N		100	2080	11950	10	17	

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		F070C063S		63	430	2460	8	13.5	
		F070C080S		80	970	5565	9	15.5	
		F070C100S		100	2080	11950	10	17	

Notes: Minimum operating voltage for integrated trip indicator = 20V