TELECOMMUNICATIONS

SPECIAL PURPOSE FUSES

Ferraz Shawmut telecommunications fuses are specially designed for the protection of telecommunications equipment which includes telephone switching equipment, rectifiers, distribution switching panels, battery back-up modules, power supplies and switching sub-stations.

The telecom fuses are available from 1 to 800 amperes rated at 170VDC with an interrupting rating of 100,000 amps to fulfill your circuit protection needs. The telecom fuses have high current limiting capabilities to provide a better degree of circuit protection to traditional telecommunications equipment. These fuses consist of a blue and white label for easy identification of their DC voltage capability.

HIGHLIGHTS

- DC Rated
- Highly Current Limiting
- Fast Acting
- Rejection Style

APPLICATIONS:

- Distribution Switching Panels
- Battery Back-up Systems
- Power Supplies
- Switching Substations
- Telephone Switching Rectifiers

Features/Benefits

- All fuses rated 170VDC, 100kA I.R.
- Extremely current limiting
- Blue & white labels for easy identification
- Various mounting configurations

Ratings

- TGL: 70-800 A 170VDC, 100kA I.R.
- TGN: 1-600 A 170VDC, 100kA I.R.
- TGS: 1-70 A 170VDC, 100kA I.R.

Approvals

- UL Recognized Components
- File #E60314

Telecom Fuse Cross Reference

Competitor Part Number	Ferraz Part Number
TPL TPN TPS	TGL TGN TGS

Recommended Fuse Holder

FUSE	AMPERE	1 Pole	3 Pole
TGL	70-250A	P243D	
	300-800A	P243G	
TGN	0-30	20306R	20308R
	31-60	20606R	20608R
	61-100	21036R	21038R
	101-200	22001R	22003R
	201-400	24001R	24003R
	401-600	2631R	2633R
TGS	0-70A	30656T	30658T

Catalog Number, Standard Ampere Rating

Catalog Number	Ampere Rating	Catalog Number	Ampere Rating
TGL-BA	70A	TGL-BL	250A
TGL-BB	80A	TGL-CN	300A
TGL-BC	90A	TGL-CO	350A
TGL-BD	100A	TGL-CR	400A
TGL-BE	125A	TGL-CU	450A
TGL-BF	150A	TGL-CV	500A
TGL-BG	175A	TGL-CZ	600A
TGL-BH	200A	TGL-CZH	800A
TGL-BK	225A		

Dimensions

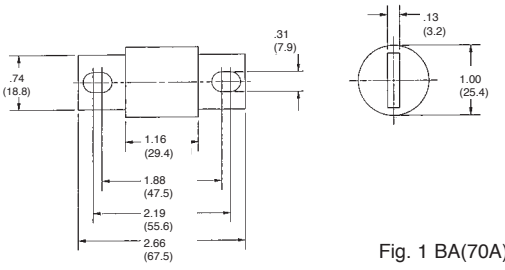

Fig. 1 BA(70A) – BL(250A)

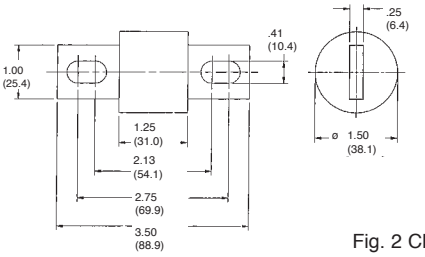

Fig. 2 CN(300A) – CZH(800A)

Melting Time - Current Data