

# 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

## 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

## Features/Benefits

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

## Telecom Fuse Cross Reference

Competitor Part Number	Ferraz Part Number
TPL	TGL
TPN	TGN
TPS	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

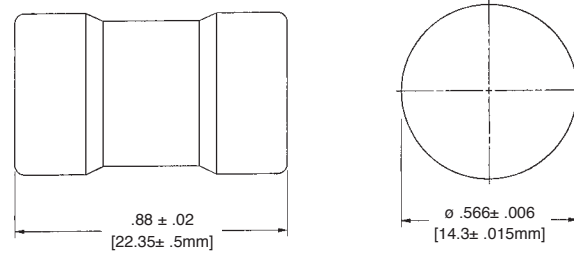
# TGS

## TELECOMMUNICATIONS/SPECIAL PURPOSE FUSES

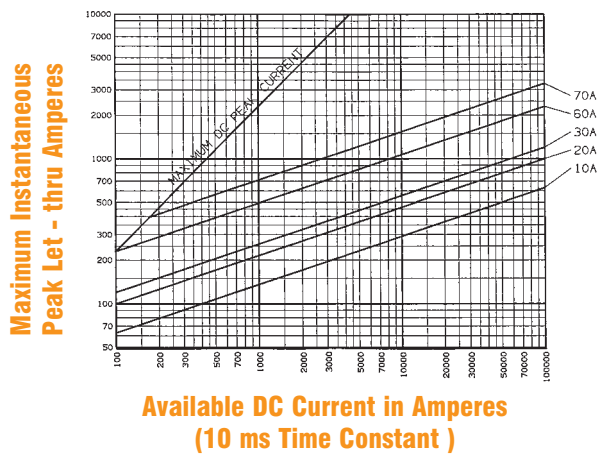
### Catalog Numbers, Standard Ampere Rating

Catalog Number	Ampere Rating	Catalog Number	Ampere Rating
TGS1	1A	TGS20	20A
TGS2	2A	TGS25	25A
TGS3	3A	TGS30	30A
TGS5	5A	TGS40	40A
TGS6	6A	TGS50	50A
TGS10	10A	TGS60	60A
TGS15	15A	TGS70	70A

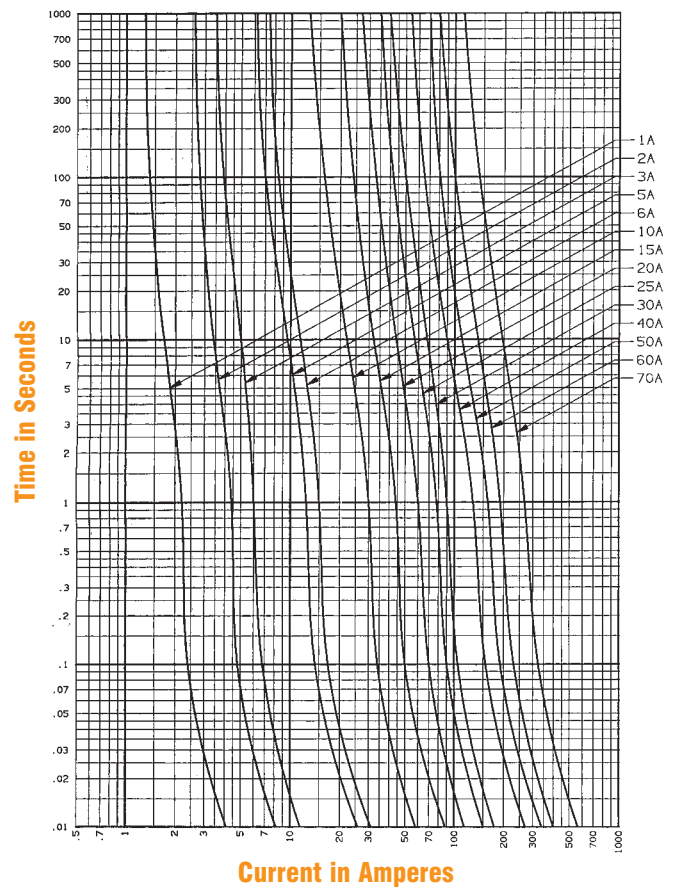
### Dimensions



### Peak Let - Thru Current Data



### Melting Time - Current Data



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