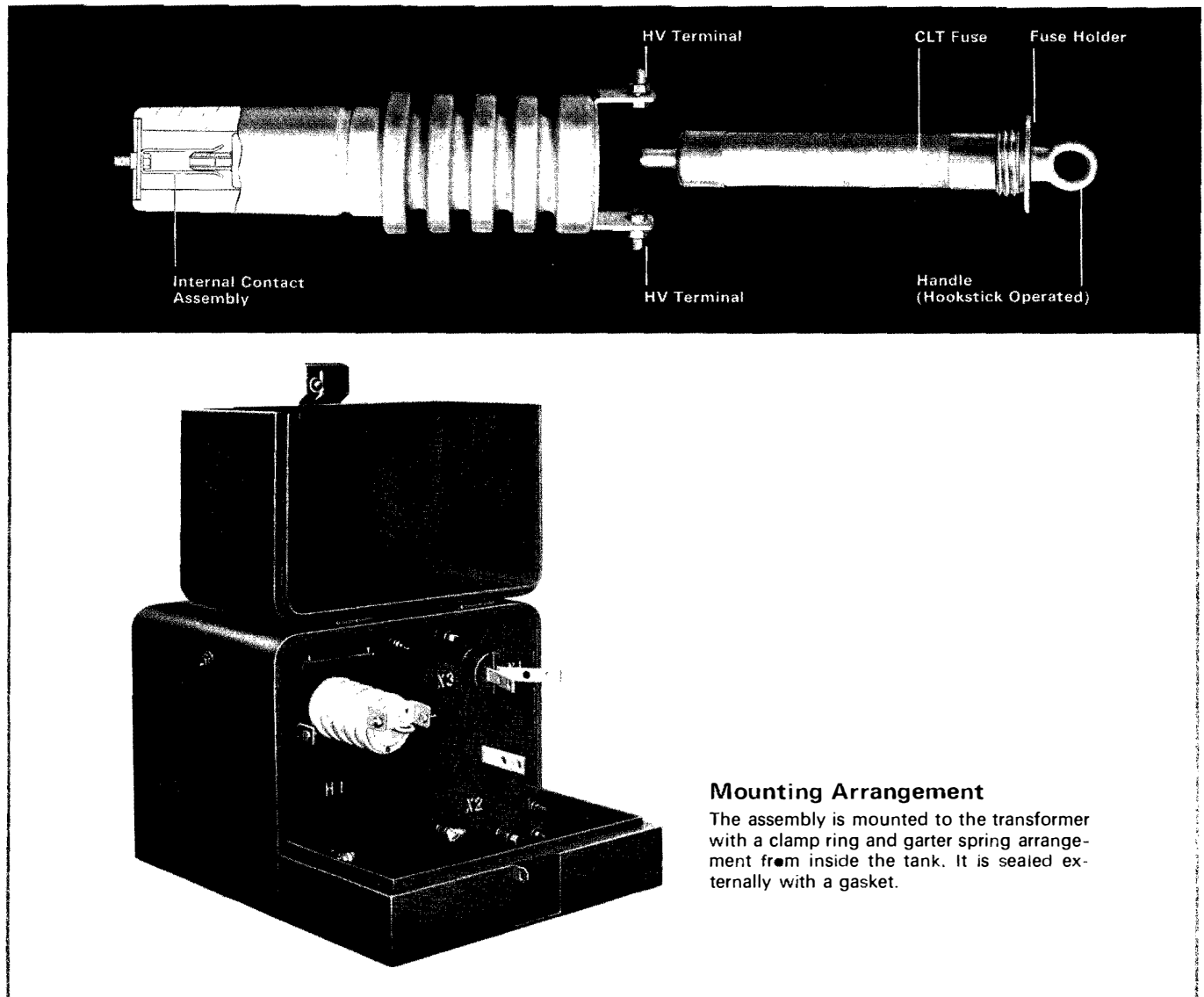


Westinghouse



High Voltage Current Limiting Bushing Fuse

Removeable, Non-Load Break Type for Mounting on Pad Mounted Distribution Transformers, 15-300 Kva Maximum—8,000 Volts



Fuse Mounted in Single Phase Pad Mounted Transformer

Application

This non-load break current limiting bushing mounted fuse is available for oil-filled, pad mounted distribution transformers. It has a maximum continuous current rating of 30 amperes at 8,000 volts and can be used on single or three phase applications.

Advantages

- Economical full range current protection
- Hookstick operable
- Easy to install
- Easy to change out
- Non-venting design
- Fuse isolated from oil

Construction and Operation

The bushing assembly is a live front design which can be installed in a loop or radial feed system. The housing is a wet process porcelain with high mechanical and electrical strength. The external connector hardware is electro tin plated. The threaded cable mounting bolts are brazed to the connector for ease of cable termination. Internal contacts are copper. The bushing is hermetically sealed inside for under oil operation. Its non-venting design prevents gases from entering the tank.

Mounting Arrangement

The assembly is mounted to the transformer with a clamp ring and garter spring arrangement from inside the tank. It is sealed externally with a gasket.

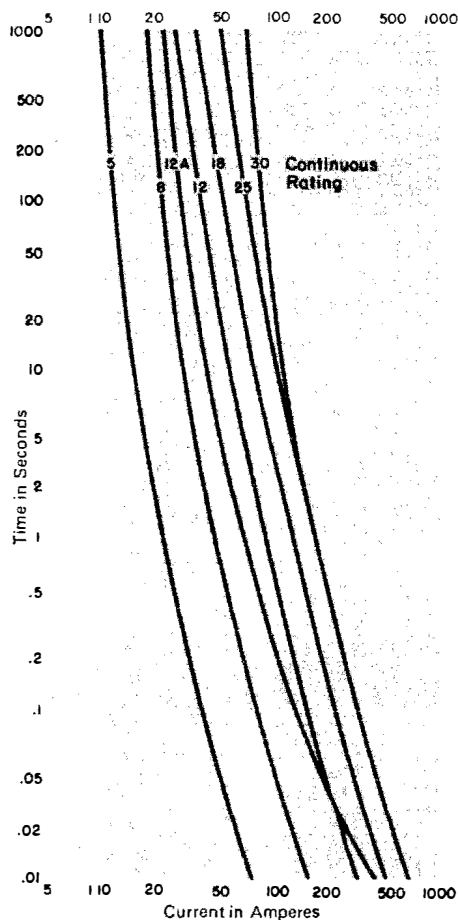
The Westinghouse current-limiting, silver sand fuse is a full range clearing device, capable of interrupting up to 25,000 amps symmetrical, 40,000 amps asymmetrical fault current at 8,000 volts maximum. There are fuse selections available for up to 30 amperes maximum continuous rating.

The fuse can be removed with the transformer de-energized by attaching a hookstick to the loop handle and turning it 3 or 4 revolutions. The bushing mounted fuse should not be used for load break application.

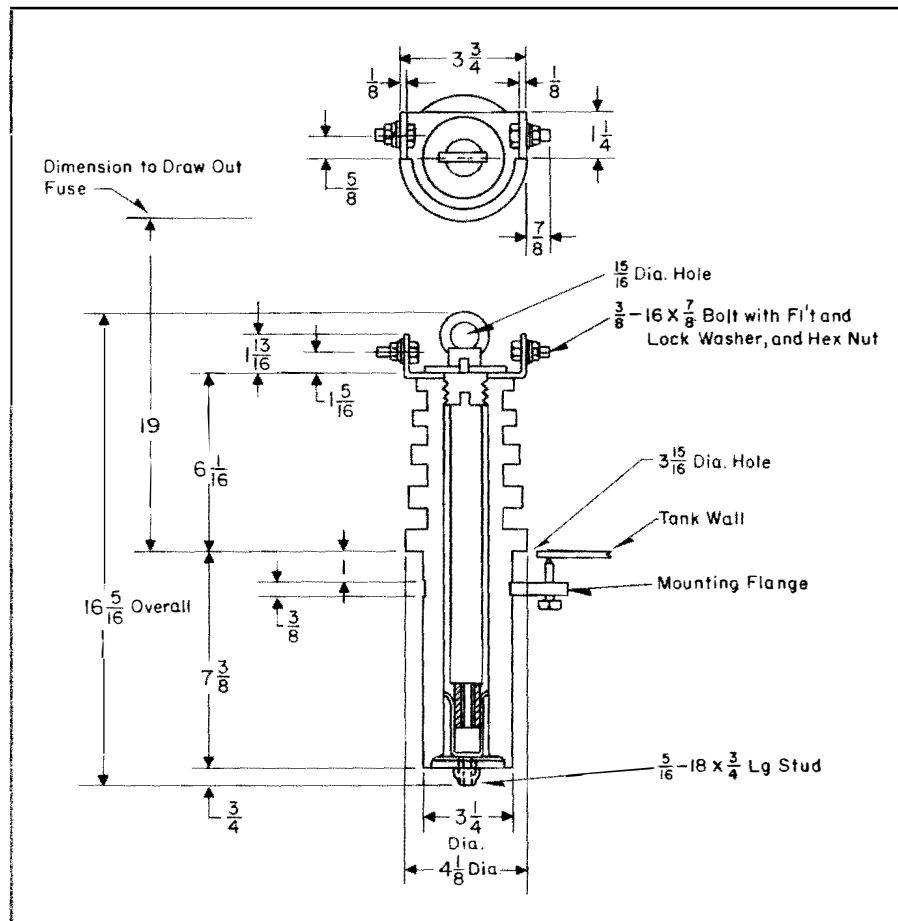
High Voltage Current Limiting Bushing Fuse

Removeable, Non-Load Break Type for
Mounting on Pad Mounted
Distribution Transformers, 15-300 Kva
Maximum—8,000 Volts

Melt Time—Current Characteristic Curves



Dimensions In Inches



Ordering Information

For ordering and pricing information, refer to:
Component and Special Product Sales,
Westinghouse Electric Corporation, Distri-
bution Transformer Division, Sharon, Pa.
16146.

Fuse Style Number (Includes Mounting Hardware) and Continuous Current Rating (Amperes are in parentheses)

| KVA | Voltage-Single Phase | | | | |
|---------|----------------------|-----------------|------------------|-----------------|-----------------|
| | 2400 | 4160, 4800 | 7200, 7620, 8000 | | |
| 15 & 25 | 678C276G01 (18) | 678C248G05 (8) | 678C248G03 (5) | | |
| 37½ | 678C276G04 (25) | 678C249G02 (12) | 678C248G06 (8) | | |
| 50 | 678C277G04 (30) | 678C276G02 (18) | 591C273G03 (12) | | |
| 75 | NA | 678C276G05 (25) | 678C276G03 (18) | | |
| 100 | NA | 680C386G02 (30) | 678C276G06 (25) | | |
| 167 | NA | NA | 678C386G01 (30) | | |
| | Voltage-Three Phase | | | | |
| | 2400 | 4160Y/2400 | 4160, 4800 | 7200 | 12470Y/7200 |
| 45 | 678C276G01 (18) | 678C276G01 (18) | 678C249G02 (12) | 678C248G03 (5) | 678C248G03 (5) |
| 75 | 678C277G04 (30) | 678C276G01 (18) | 678C276G02 (18) | 591C273G03 (12) | 678C248G03 (5) |
| 112½ | NA | 678C276G04 (25) | 678C276G05 (25) | 678C276G03 (18) | 678C248G06 (8) |
| 150 | NA | 678C277G04 (30) | 680C386G02 (30) | 678C276G06 (25) | 591C273G03 (12) |
| 225 | NA | NA | NA | 680C386G01 (30) | 678C276G03 (18) |
| 300 | NA | NA | NA | 680C386G01 (30) | 678C276G06 (25) |

NA—Not Available