

# Sidewall & Cover Mounted Fuse Holder

## Fuse Holder

### Description

Fuse Holders are used to protect transformers, switchgear, and distribution systems. They are designed for use in oil filled (or approved equivalents) single phase and three phase padmount transformers, switchgear, and submersible transformers. The assemblies combine the ease of hotstick operation with the safety of deadfront construction.

When the inner fuse cartridge holder assembly is removed from a Bayonet Fuse Holder installed on a padmounted transformer (or other apparatus), the transformer is electrically disconnected. This also allows for convenient fuse element and cartridge inspection and replacement. When using appropriate safety procedures, the Bayonet Fuse Holder can be loadbreak operated for disconnecting the transformer from the energized line, making changes to dual voltage or tap changer switches, or working on the transformer's secondary connections.



### Installation

The Chardon Bayonet Fuse Holder is mounted through transformer tank wall. The incoming high voltage lead is connected to the isolation link or current limiting fuse. The isolation link or current limiting fuse is then connected to the lower contact of the Chardon Bayonet Fuse Holder. The transformer winding is connected to the upper contact on the Chardon Bayonet Fuse Holder to complete the circuit.

### Specifications

Description	Units	Ratings
<b>kV Electrical Ratings</b>		
<b>BIL and Full Wave Crest</b>	kV	150
<b>60Hz, AC, 1 minute withstand</b>	kV	50
<b>Maximum Single-Phase Interrupting Ratings in Mineral Oil</b>		
<b>3000A rms asymmetrical Cover Mount ; 3500A rms symmetrical Sidewall Mount</b>	kV	8.3
<b>2500A rms asymmetrical Cover Mount ; 2500A rms symmetrical Sidewall Mount</b>	kV	15.5
<b>1000A rms asymmetrical Cover Mount ; 1000A rms symmetrical Sidewall Mount</b>	kV	23.0
<b>Loadbreak Ratings (at 80% pf)</b>		
<b>160A</b>	kV	10.0
<b>150A</b>	kV	15.5
<b>80A</b>	kV	26.7
<b>50A</b>	kV	34.5

