

ENGINEERING DEPARTMENT

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T & D MATERIAL SPECIFICATION

JPS Specification #: Fuse-Cutout-2019	Effective Date: January 28, 2019
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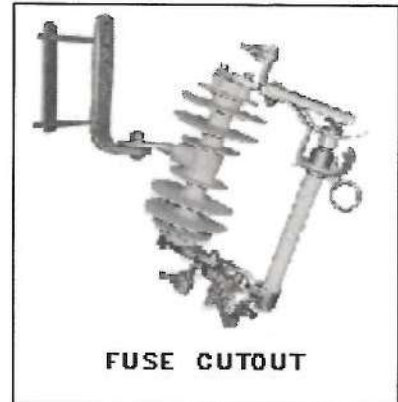
Description: Cutout, fuse, single shot, open type, standard, overhead dropout, distribution type 27kV, 100A, 150kV BIL

Application: For use with solid and removable button head fuse links.

SPECIFICATION

Cutout, fuse, single shot, open type, standard, overhead dropout, distribution type, 27kV, 150kV BIL, 100A. For use with solid and removable button head fuse links.

The Fuse cutout shall be capable of operating on a nominal distribution voltage of 24kV. The fuse cutout shall be capable of use on line junctions, transformers and grounded wye connected capacitor banks in solidly grounded neutral systems. The fuse cutout shall have a Continuous Current Rating of 100A and an interrupt capacity of 8,000A Asymmetrical. The Fuse Cutout shall be rated between 27kV with a Basic Impulse Level of 150kV BIL and a minimum leakage distance of 480mm (19") to ground. The Fuse Cutout shall be supplied completely with mounting bracket, disconnect hooks and bi-metallic terminals for copper or aluminium conductors ranging from #6 to 250kcmil. The mounting brackets shall come with 153mm (6") carriage bolts for mounting on heavy-duty dead-end fiberglass crossarms. The fuse tube shall be fabricated from fiber glass and have approximate length of 368.3mm (14 1/2"). The insulator shall be Silicone or Ground – Composite Polymer and shall be sky grey colour. The Fuse Cutout shall be manufactured in accordance with the latest revision of IEEE C37.41.



The Fuse Cutout shall be similar to ABB Cat. No. X4JCFNAM12 or approved equal.

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