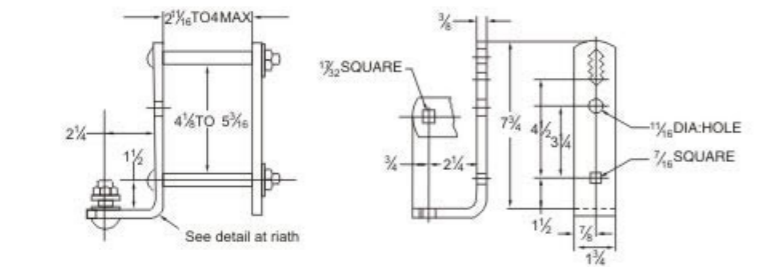


Drop out fuse cutouts and load switching fuse cutouts are for outdoor used high voltage protective device. To be connected with in coming feeder of distributing transformer or distribution lines it mainly protect transformer or lines form short circuit and overload, and on/off loading current.

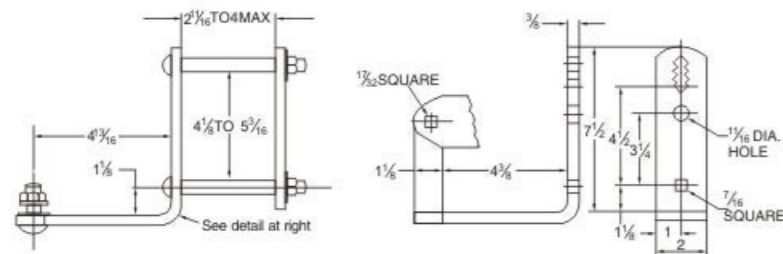
Drop out fuse cutout is composed of insulator supports and fuse tube, static contacts is fixed on two sides of insulator support and moving contact is installed on two ends of fuse tube. Fuse tube is composed of inside arc-extinguishing tube, outer phenolic compound paper tube or epoxy glass tube.

Load switch fuse cutout provides enforced elastic auxiliary contacts and arc-extinguishing enclosure for switching on/off loading current.

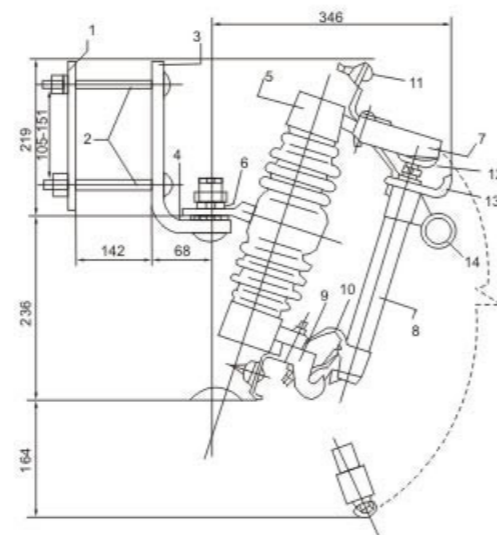
At normally working via fuse link tightened the tube is fixed to form up of close position. In case system current faults, fault current result in fuse melt immediately and take place electric arc, which let arc-extinguishing tube being heated and explode a lot of gas. This will produce high pressure and blow off the arc along the tube. After fuse link melt, moving contact has no lightened strength again, mechanism is locked and fuse tube drop out. Cutout now is in open position. When it needs to switch off during cutout loading, operator shall via insulating operating bar pull the moving contact, at its beginning main contact and auxiliary static contact is contacted still. Whiling pulling the auxiliary contact is separated between auxiliary contacts there occur electric arc and the arc will be lengthened in arc-extinguishing enclosure gap and meanwhile arc-extinguishing explode gas to blow off the arc during current passing zero.



NEMA Type B Mounting Bracket—Adjustable for 3" x 4" to 4" x 5" Crossarm



Extended Mounting Bracket—Adjustable for 3" x 4" to 4" x 5" Crossarm



Parallel-grove connector

Tinplated cast copper, for ease of conductor connecting accommodates two conductors of unlike size in a single connector. Other styles of connectors are also available.

One-piece channel (hood)

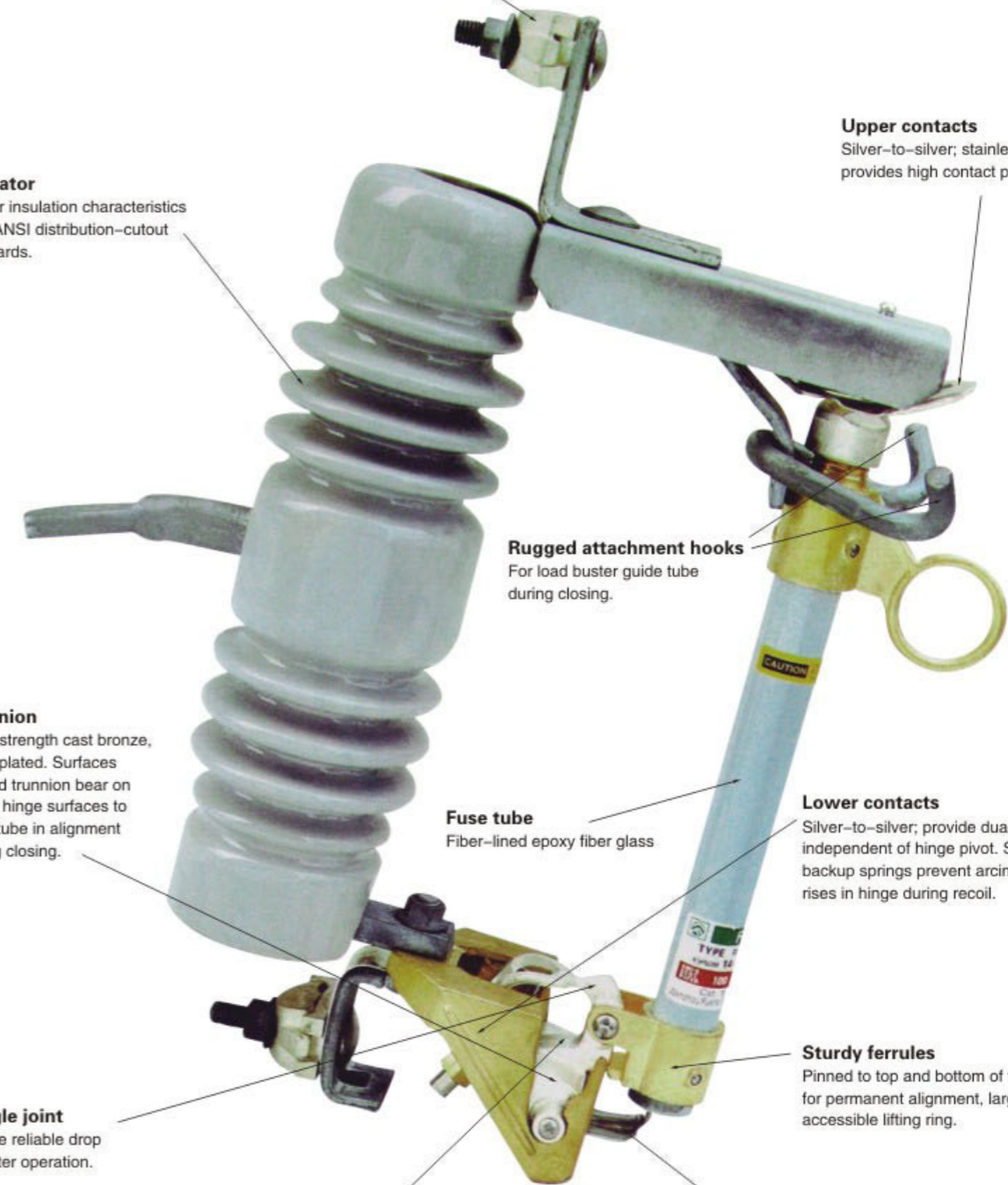
Heavy galvanized steel (which is also used for inserts, hangers, and structural bolts and nuts)

Insulator

Higher insulation characteristics than ANSI distribution-cutout standards.

Upper contacts

Silver-to-silver; stainless steel spring provides high contact pressure.



Rugged attachment hooks

For load buster guide tube during closing.

Fuse tube

Fiber-lined epoxy fiber glass

Lower contacts

Silver-to-silver; provide dual current path, independent of hinge pivot. Stainless-steel backup springs prevent arcing when tube rises in hinge during recoil.

Trunnion

High-strength cast bronze, silver plated. Surfaces around trunnion bear on broad hinge surfaces to keep tube in alignment during closing.

Toggle joint

Assure reliable drop out after operation.

Pocket

Secures tube in hinge during closing.

Sturdy ferrules

Pinned to top and bottom of tube for permanent alignment, large, accessible lifting ring.

Flipper

Gives high-speed terminal separation quick cable flip-out, and (in conjunction with the toggle joint) reduces transmission of forces to fuse link during closing.