

Installation instructions of Rear Connector with Arrester

A (G) HY5WZ-51/134

A (G) HY5WZ-51/127

Installation steps:

1. First confirm the flat washer , spring washer and nut pressure (30-35NM torque),then cleaning inner holes of the front connector and rear connector with arrester,daub the silicone grease evenly on them.
2. Insert M12 at one end of link rod to the inner hole of front connector,using a wrench tightened,let the nut and spring washer all sink within the link rod,and make the flat washer close to the plance of cable lug.
3. Insert M16 bolt into the link rod.
4. Push the screened rear connector with arrester to the end of front connector(Note:The arrester must be pushed to the required position)
5. Put the flat washer,spring washer and nut in the screw,and tighten them with spanner(30-35NM torque).
6. Insert the insulation plug with silicone grease into the ending hole of the arrester,rotate it with bolt,and twist them tightly by tools,then put the cover on the insulation plug.
7. First fix the hoop to the arrester, height is same as the pre-installed crossarm of branch box ,then fix the hoop to the crossarm(as below pics).
8. First fix the hoop at the upper and lower 50mm,install earth wire fixing on the arrester,and check to ensure all the earth wire of arrester well grounded
9. When installing and dismantling the arrester, your hands must grab the upper position of it, and use force evenly. Do not grab the end of the bolt in order to prevent the earth ear from being twisted off because of leverage.



Note:

- a) If adjust the installation angle of arrester,should be gland nut anew.
- b) In order to prevent the reaction force generated by arrester self-weight and time of separation to lead to bolt bending,increase support brackets installation fixing the arrester,customers are required to make their crossarm pics in the branch box according to the size in the support brackets installation leaflets.
- c) The no-gap arrester is not allowed to do the frequency discharge voltage test and not allowed to do the insulating withstand test. And preventive test must be done when put into operation before or after each full one year.