Claims

1. Gasinsulated medium voltage switchgear with a three position disconnector device for three electric phases with a rotatable driveshaft wherein the three position disconnector device for three phases is arranged in one common functional unit which has a base plate having a plurality of fixed contacts and a frame adapted to support separate moveable contacts whereby the common functional unit can be mounted in a switchgear housing in that way that the baseplate and/or the frame is after the mounting, a part of a gastight housing of the switchgear wherein the separate movable contacts are so arranged as to each be moveable by a single drive shaft to disconnect each of the moveable contacts from the fixed contacts.

2. Gasinsulated medium voltage switchgear according to claim 1, characterized in that the fixed contacts of the disconnector device are mounted on the base plate with integral bushings which are furthermore connectable to the solid insulated bus bars at the outside part of the housing of the switchgear.

3. Gasinsulated medium voltage switchgear according to claim 1 or claim 2, characterized in that the frame is mounted on the base plate, and that the frame carries the fixation of the drive shaft.

4. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the earth contacts are fixed to the frame.

5. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the common functional unit closes the housing of the switchgear after mounting in a gastight way.

6. Gasinsulated medium voltage switchgear according to claim 5, characterized in that the gastight mounting is realized by welding.

7. Gasinsulated medium voltage switchgear according to claim 5, characterized in that the gastight mounting is realized by screwing and the use of a sealing element around the opening of the housing, in which the functional unit is placed.

8. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the driveshaft is positioned and fixed to both sides of the frame.

Claims

1. Gasinsulated medium voltage switchgear with a three position disconnector device for three electric phases with a rotatable driveshaft wherein the three position disconnector device for three phases is arranged in one common functional unit which has a base plate having a plurality of fixed contacts and a frame adapted to support separate moveable contacts whereby the common functional unit can be mounted in a switchgear housing in that way that the baseplate and/or the frame is after the mounting, a part of a gastight housing of the switchgear wherein the separate movable contacts are so arranged as to each be moveable by a single drive shaft to disconnect each of the moveable contacts from the fixed contacts and wherein the driveshaft is fixed to the frame.

2. Gasinsulated medium voltage switchgear according to claim 1, characterized in that the fixed contacts of the disconnector device are mounted on the base plate with integral bushings which are furthermore connectable to the solid insulated bus bars at the outside part of the housing of the switchgear.

3. Gasinsulated medium voltage switchgear according to claim 1 or claim 2, characterized in that the frame is mounted on the base plate, and that the frame carries the fixation of the drive shaft.

4. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the earth contacts are fixed to the frame.

5. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the common functional unit closes the housing of the switchgear after mounting in a gastight way.

6. Gasinsulated medium voltage switchgear according to claim 5, characterized in that the gastight mounting is realized by welding.

7. Gasinsulated medium voltage switchgear according to claim 5, characterized in that the gastight mounting is realized by screwing and the use of a sealing element around the opening of the housing, in which the functional unit is placed.

8. Gasinsulated medium voltage switchgear according to one of the aforesaid claims, characterized in that the driveshaft is positioned and fixed to both sides of the frame.