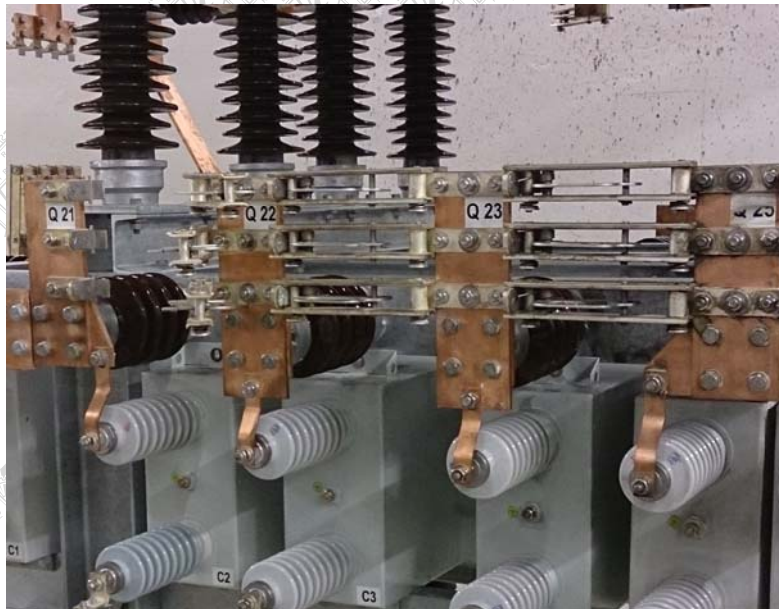


Instructions for assembly, operation and maintenance of indoor disconnectors ITrv

single-pole design
rated voltage 12 ~ 52 kV
rated current 630 ~ 2000 A



DRIBO, spol. s r.o.

Pražákova 36
619 00 Brno
Czech Republic

Tel.: +420 533 101 111, Fax: +420 543 216 619, E-mail: dribo@dribo.cz, Internet: <http://www.dribo.eu>

Handling and storage

Unpack the disconnecter upon arrival. Check for damages caused during the transport. Any damage should be reported immediately to the supplier. After unpacking remove all remaining packaging material from the switching device and accessories.

Operating conditions

The disconnecter is intended for operation under normal conditions as defined by the EN 62271-1 standard, class „minus 15, indoor use“. Highest ambient temperature: 40°C; average temperature during 24 hours is not allowed to exceed 35 °C.

Assembly

The disconnecters can be assembled vertically or horizontally.

When making connections take care of incoming terminals of the disconnecter which have to be kept away from stresses. Fix the connecting bolts with 70 Nm torque (using another key in opposite position).

Operation test before putting the device in operation

In case of improper handling during transport may cause damage to the unit. Before commissioning, it should therefore be checked whether the blade contact is symmetrical to the fixed contact.

Operation

The switching device operation does not require any specific knowledge. The operation is done using eye on disconnecter's contact knife and insulating rod.

Maintenance

Under normal operating conditions according to the EN 62271-1, the maintenance works include:

- **Visual inspection:** once a year without switching off the device to detect possible abnormal dirt or wear
- **Maintenance:** after 1000 interlocks, at the latest after 10 years, shortening the maintenance interval may be due to the use of wet or dusty devices, short-circuit switching and short-circuit currents.

The maintenance works also include:

Cleaning

- of switching knife contacts (in OFF position)

Greasing

- **specified grease is to be applied on the outer surface of main contacts, but in a very thin layer, only.**

Place of grease application	Specified brand names
Surfaces of the main contacts	The load disconnecter 630 A contact grease Rivolta S.K.D. 4002 – Bremer & Lequil company The load disconnecter 1250A – 2000 A grease Barrierta L55/1 – Klüber company

After finishing the maintenance works perform a few test switch-on operations.