

- for switching the external medium voltage lines to the values of rated power.
- for OVE air arc chutes, OJC vacuum arc chutes
- **in compliance with:** EN 60 265-1
- **insulators:** epoxy
- **work position:** horizontal, vertical
- **mounting:** basic pole, twin pole, edged mast, lattice pole
- **pylon height:** 9; 10,5; 12; 13,5; 16,5; 18 m
- **control:** manual (control lever lockable in both end positions)
electromotive (electromotive drive of the MPUO type) - provided with pull rod with the possibility of remote control.
- guide frame meets all requirements for dimensioning of the carrying frame in accordance with Czech and Slovak technical standard.
- disconnectors are weather resistant and the functionality is guaranteed for up to 20mm of ice accretion.

TECHNICAL DATA

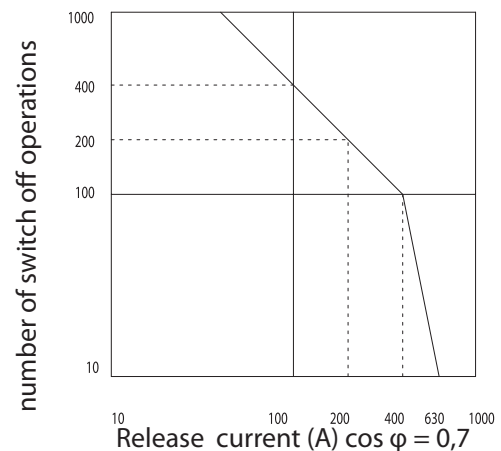
	OJC 25	OVE 25
Rated voltage U	25kV	25kV
Rated current I	400A	400A
Rated frequency f	50Hz	50Hz
Rated short term withstand current I_k by short circuit time t_k	16kA / 1s	16kA / 1s
Rated dynamic withstand current I_p	40kA	40kA
Rated release current of active load I_1	400A	400A
Rated release current of closed circuit I_{2a}	400A	400A
Release current of non-loaded transformer I_3	4A	4A
Rated release current of non loaded cable line I_{4a}	16A	16A
Rated release current of non loaded wire line I_{4b}	15A	15A
Rated short circuit switching current I_{ma}	10kA	10kA
Rated grounding switching off current I_{6a}	50A	50A
Rated release current of non loaded cable and wire line in case of grounding I_{6b}	28A	28A
Number of cycles ON/OFF	3 000	see graph under table
Surface route	775mm; 3,1cm/kV	775mm; 3,1cm/kV
Degree of pollution	II - IV	II - IV
Mechanical lifetime	3000 cycles	3000 cycles
Maximum vertical angle of the line	30°	30°
Maximum horizontal angle of the line	10°	10°
Weight	80kg	80kg
Lifetime	30 years	30 years

PPN - version for installation under load

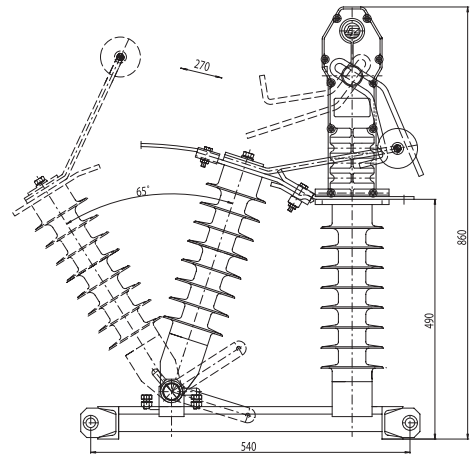
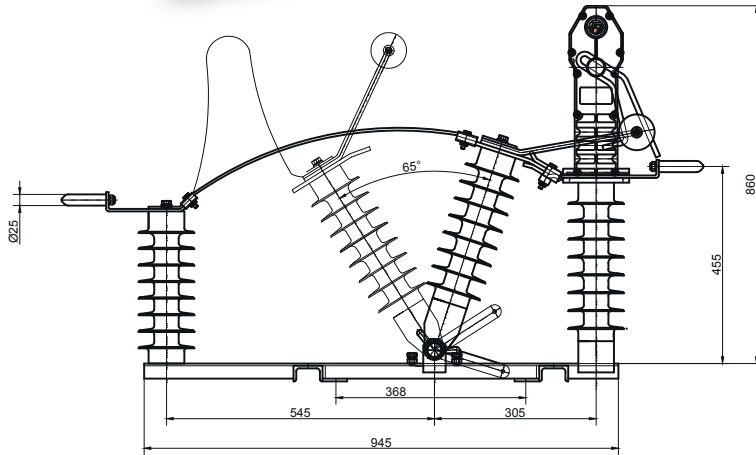
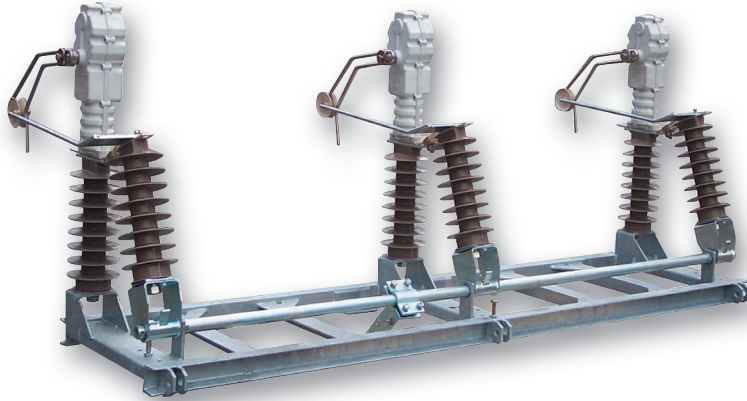
Section switches and disconnecting elements for works under voltage are used in order to disconnect or unplug sections, incoming lines of the HV external or aerial cable line or of transformer feeder line of 25 kV and 38,5 kV and their technical design and construction enable repairs, inspections, maintenance or replacement of units without any power supply breaking.

This solution is based on the fact the line is anchored on an independent console. The instrument is equipped with connecting bolts with special brackets, which may be detached or attached by means of an insulated bar. During repairs, inspections, maintenance and instrument replacement (section switches and disconnecting elements) the line is bridged over (bypassed) and by means of the insulated bar brackets are detached from the platform determined for works under load. The instrument is no more under load and all required works may be done.

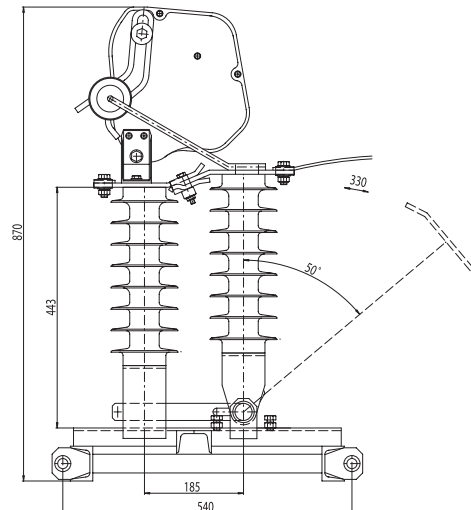
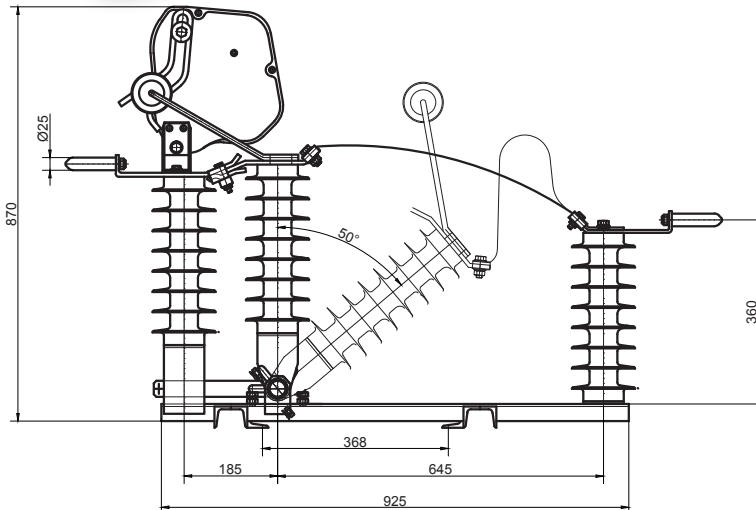
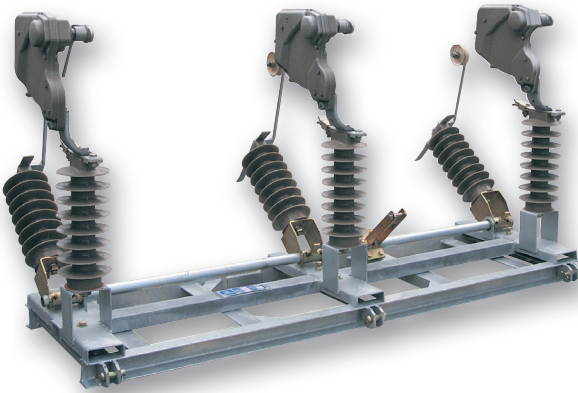
Switching ability of OVE 25

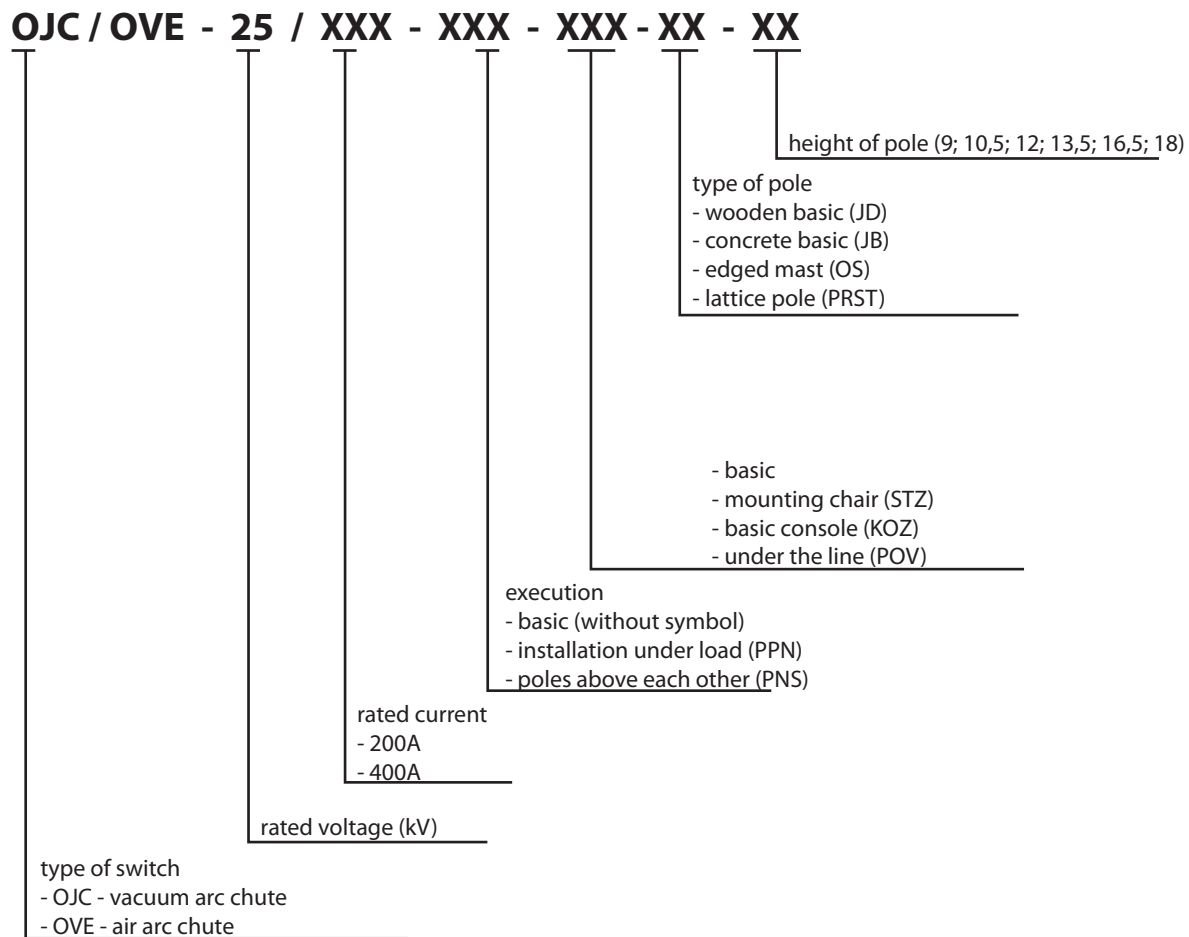


OJC 25/400



OVE 25/400



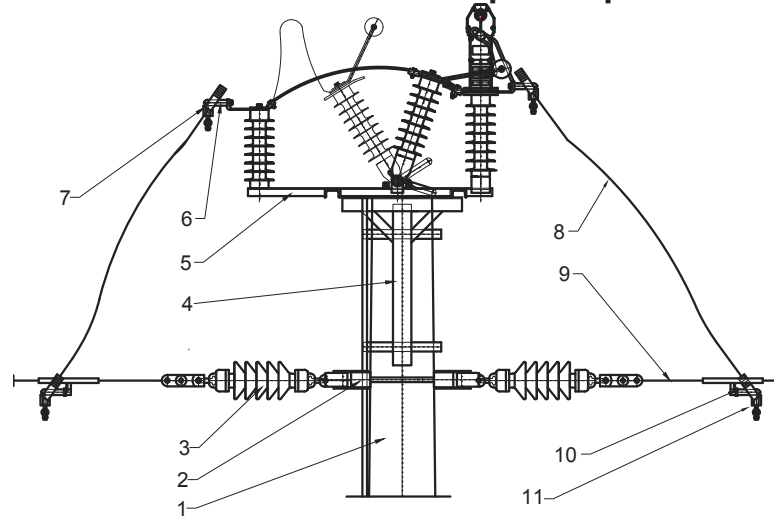


example of designation

OJC - 25 / 400 - PPN - KOZ - BS - 10,5

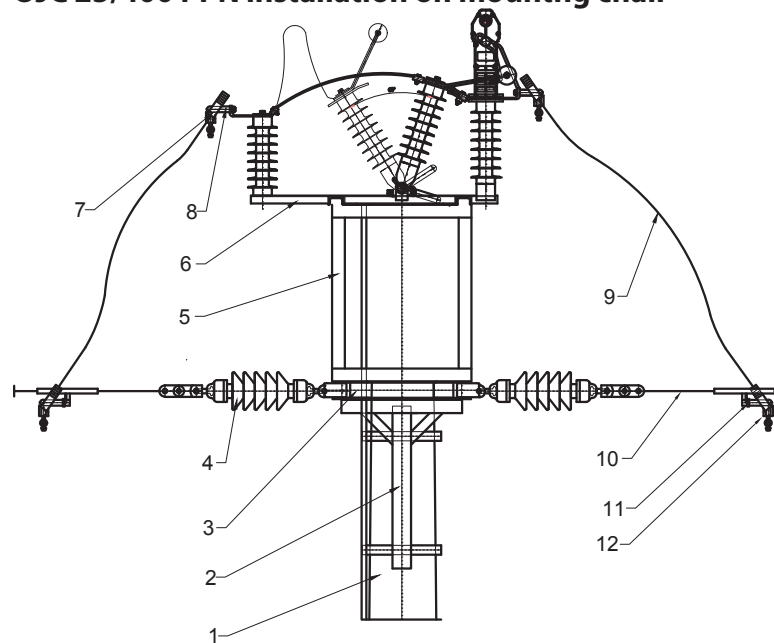
OJC 25/400 PPN installation on top of the pole

- 1 – pole
- 2 – line carrier
- 3 – aerial insulator
- 4 – carrier cross
- 5 – frame of device
- 6 – connecting bolt
- 7 – bracket CDB
- 8 – insulated wire
- 9 – AlFe line
- 10 – bracket RDB
- 11 – bracket CDB

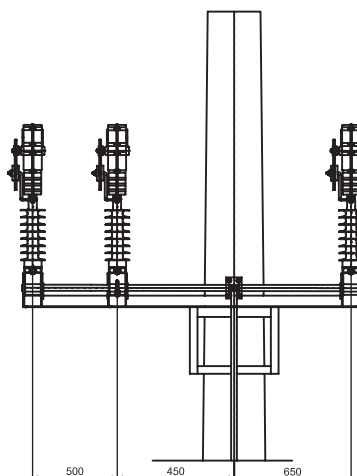


OJC 25/400 PPN installation on mounting chair

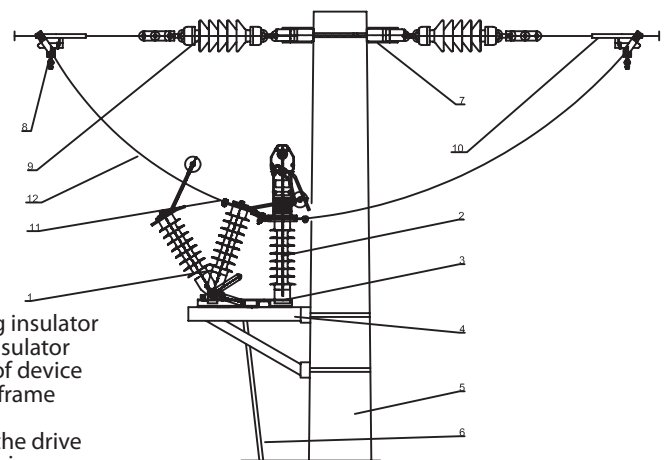
- 1 – pole
- 2 – carrier cross
- 3 – frame of line
- 4 – aerial insulator
- 5 – mounting chair PPN
- 6 – frame of device
- 7 – bracket CDB
- 8 – connecting bolt
- 9 – insulated wire
- 10 – AlFe line
- 11 – bracket RDB
- 12 – bracket CDB



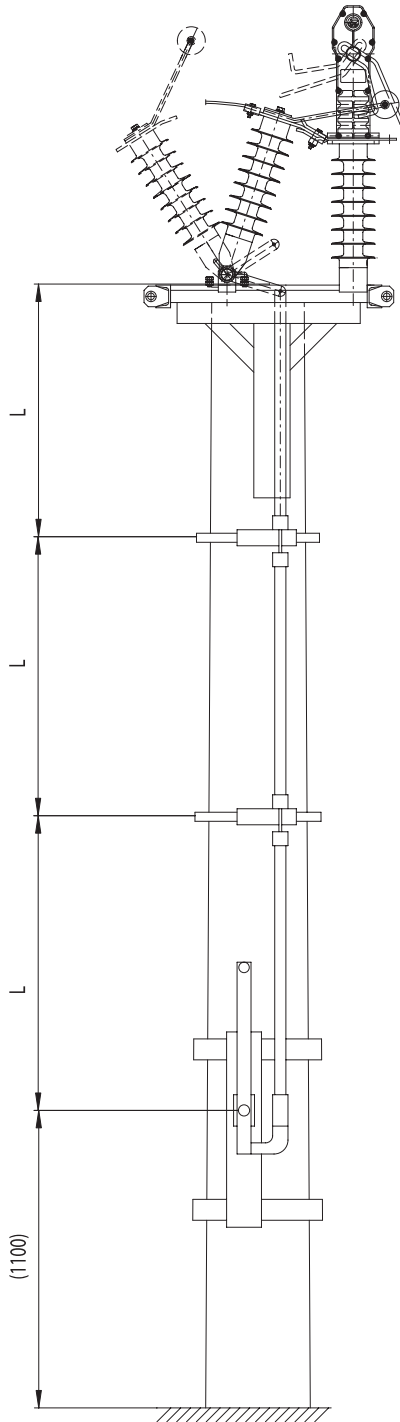
OJC 25/400 - PPN - with floating input under the line



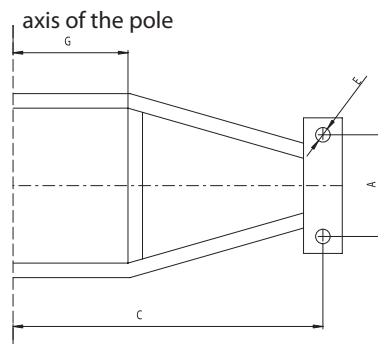
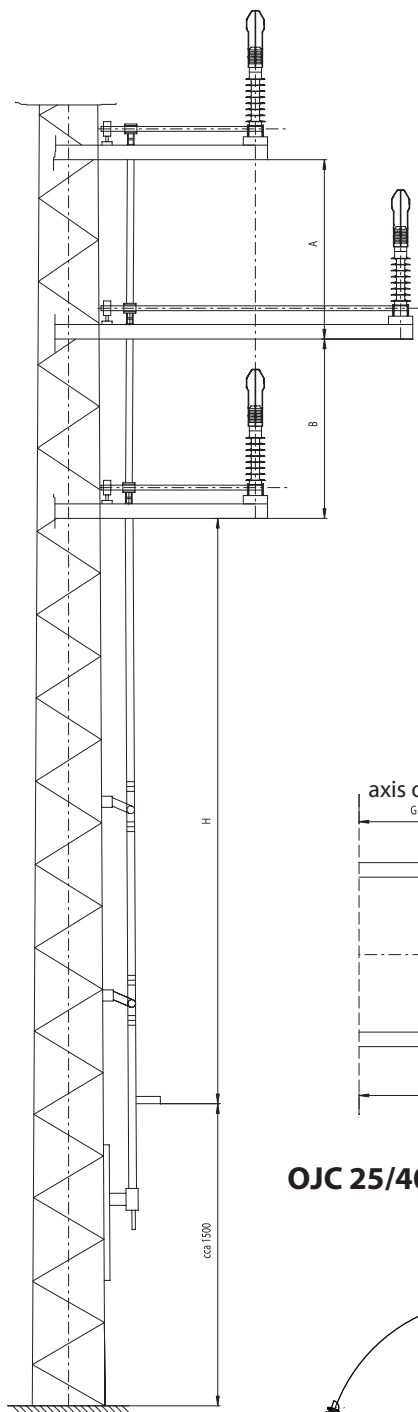
- 1 – floating insulator
- 2 – fixed insulator
- 3 – frame of device
- 4 – carrier frame
- 5 – pole
- 6 – rod of the drive
- 7 – line carrier
- 8 – bracket RDB
- 9 – aerial insulator
- 10 – bracket CDB
- 11 – cable eye
- 12 – insulated wire



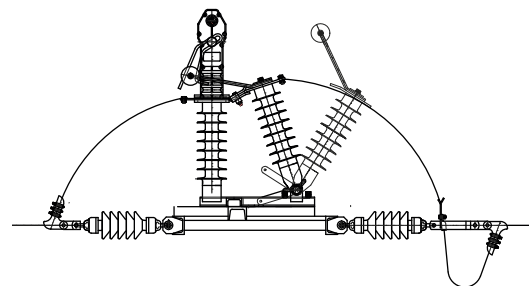
OJC 25/400 JB



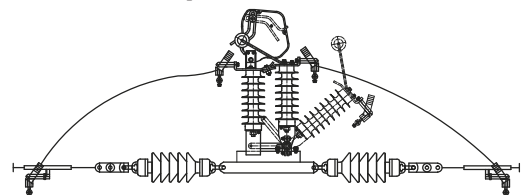
OJC 25/400 poles above each other PR ST



OJC 25/400 poles above each other



OVE 25/400 poles above each other



L - according to customer request

Example of remote controlled switch

