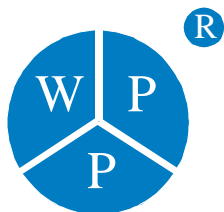


MOTOR AND TECHNICAL SPECIFICATION OF distribution cabinets and switch gears of low voltage type **OR.n.n.ZW**



PRODUCTION AND INDUSTRIAL MANUFACTORY
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1. THE WAY OF EXECUTION

Boxes are made of steel sheets 1,5mm covered twice with epoxy primer paint type EPOKSYKOR FC and epoxy surface paint (producer RAFIL Radom) type RAL 7032. Hardware inside the box like vertical and horizontal supporting beams needed for installing technical devices are galvanized.

2. OUTSIDE CONNECTIONS

2.1. Powering and withdrawal cables connection

Powering and withdrawal cables are brought into boxes on appropriately marked (according to the project) clamp boards or directly under feeding and withdrawal systems.

2.2. Control cables connection

After inserting control cables into the board bring them into appropriately marked (according to the project) clamp boards.

3. OPERATION

All drives of feeding, withdrawal and controlling systems in boxes type OR.n.n.ZW are available after opening door or from elevation. All manuvre devices have covers allowing to do only assembling operations so all actions with boxes operating are connected only with device operations.

4. SWITCHGEAR ADJUSTMENT

If adjustments are not included in technical plan or in order, an investor or a client is responsible for their execution.

5. SWITCHGEAR MAINTENANCE AND INSPECTION

5.1. Powering, controlling and withdrawal devices maintenance

Inspection and maintenance of these devices should be done according to producer's recommendations.

5.2. Powering and withdrawal terminals review

This review includes checking durability of wires with clamps connection and tightening loose ones if needed.

5.3. Construction mechanisms and painting layers maintenance

Door hinges and other movable parts of the construction should be oiled with tough grease at least once a year. Painting surfaces should be cleaned from dirt using clean cloth. Oczyszczanie powłok malarskich z zabrudzeń należy wykonywać przy użyciu czystej szmatki. In case if painting surface damage (defect) is noticed, it should be completed with epoxy primer paint using a paintbrush and then epoxy surface paint after few hours.