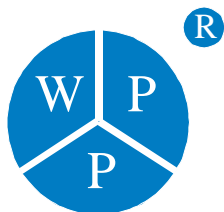


# MOTOR AND TECHNICAL SPECIFICATION OF distribution cabinets and switch gears of low voltage type **OR.n.n.ZW**



PRODUCTION AND INDUSTRIAL MANUFACTORY  
– W.P.P. ZDZISŁAW LITYŃSKI  
97-427 Rogowiec k/Bełchatowa,  
tel/fax. (044) 735-15-97; (044) 735-17-21  
e-mail: [wpp@ld.onet.pl](mailto:wpp@ld.onet.pl)

## CONTENT

<b>1. THE WAY OF EXECUTION</b> .....	3
<b>2. OUTSIDE CONNECTIONS</b> .....	3
<b>2.1. Powering and withdrawal cables connection</b> .....	3
<b>2.2. Control cables connection</b> .....	3
<b>3. OPERATION</b> .....	3
<b>4. SWITCHGEAR ADJUSTMENT</b> .....	3
<b>5. SWITCHGEAR MAINTENANCE AND INSPECTION</b> .....	3
<b>5.1. Powering, controlling and withdrawal devices maintenance</b> .....	3
<b>5.2. Powering and withdrawal terminals review</b> .....	3
<b>5.3. Construction mechanisms and painting layers maintenance</b> .....	4

## **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.