**Questionnaire no.\_\_\_for disconnectors of RG(ZH) series for rated voltages 330,500 kV**

Manufacturer: **CJSC ZEТО**

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Postal address and the buyer's details:

Customer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City code/phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fax\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Director's full name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Installation place \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Disconnectors of horizontal-rotary type, two-column, are produced by separate poles, have two version types per installation:

RG- on its own supporting pillars, fastened to the studs of concrete foundations;.

RGZH- on reinforced concrete supporting structures (coupling dimensions correspond to disconnectors of RNDZ series).

Disconnectors are performed under the following conditions :

Installation height above the sea level is not more than 1000 m;

Upper operating value of ambient temperature is plus 40°С;

Lower operating value of ambient temperature is minus 60°С;

Wind speed without clear ice is not more than 40 m/s and not more than 15 m/s under clear ice of thickness up to 20 mm

terrain seismicity is up to 8 points as per MSK-64 scale.



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| --- | --- | --- | --- | --- |
| \ | Parameters | Version types | | Order value |
| 1 | Version type of disconnector (availability of metal structures ) ^ | RG (with supporting pillars) | |  |
| RG (without supporting pillars) | |  |
| RGZH (with bracket to fasten the drive to reinforced concrete support structure) | |  |
| RGZH (without bracket) | |  |
| 2 | **Rated / maximum operating voltage, kV** | 330 kV/363kV | |  |
| 500kV / 550kV | |  |
| 3 | Rated current /  **Short-time withstand current / Peak withstand current** | 2000А/40кА/100kА | |  |
| 3150А/63kА / 160kА | |  |
| 4 | Pollution degree as per GOST 9920 | 330 kV | II\* |  |
| III |  |
| IV |  |
| 500 кB | II\* |  |
| III |  |
| 5 | Number of earthing switches | 2 | |  |
| 1a (earthing switch is located from the side of the driving column) | |  |
| 1б (earthing switch is located from the side of the driven column) | |  |
| 6 | Drive of the disconnector 2) | PD-14 | |  |
| 7 | The height of the disconnector from the ground (without taking into account the height of the foundation) to the contact area of terminals , mm | Standard delivery | |  |
| By order (specify the height) | |  |
| 8 | Height of foundation, mm | | |  |
| 9 | Additional o requirements to disconnectors | | | |
| 10 | Q-ty of order kits | | |  |

**Notes:**

**^ Standard delivery:**

* **for RG-330-500 kV for current 3150 А – with pillars for the disconnector, with brackets to fasten the drives;**
* **for RG-330-500 kV for current 2000А - without pillars (pillars with brackets are by order );**
* **for RGZH-330-500 kV for currents 2000 and 3150 А with drive PD-14 – without brackets (brackets are by order).**

At the request of the customer a service maintenance agreement is concluded during the post-warranty period.

1. **Requirements to PD-14 are specified in questionnaires for drives.**
2. **Specify no. of the filled questionnaire for drives.**