The TJP 7.3-G epoxi insulated voltage transformers are cast in epoxi resin and designed mostly for generator with insulation voltages from 3.6 kV to 36 kV. Insulation voltages different from the above are to be the subject of an agreement between the manufacturer and the customer.

If no a different value is required the transformers are manufactured with a overvoltage factor of 1.9 x Un/8 hrs. One outlet of the primary winding, including the respective terminal is insulated from the earth to a level which corresponds to the rated insulation value. The other outlet of primary winding with its terminal is earthed during the operation. Most of the transformers are equipped with two secondary windings, the first one for either measuring or protection purposes, the other for being connected into an open-delta connection in a three-phase system. One terminal of each secondary winding and one of the open-delta connected terminals have to be earthed during the transformer operation.

The secondary windings are lead out into a cast-type secondary terminal board. The secondary terminal board is covered with a transparent plastic over which can be sealed. The transformer can be mounted in any position. The transformer body is fixed by using four screws, the bolted M8 earthing clamp is located on the transformer base plate. The TJP 7.3-G transformers are equipped with a special fuse of 2 A rated current.

### Description

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### Rated Voltages

<table>
<thead>
<tr>
<th>Type</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary</td>
<td>100/V3, 110/V3, 115/V3, 120/V3, 190/V3</td>
</tr>
<tr>
<td>Accuracy</td>
<td>0.2; 0.5; 1 (measuring winding) or 3P; 6P (protection winding)</td>
</tr>
<tr>
<td>Open-Delta</td>
<td>100/3, 110/3, 115/3, 120/3, 190/3</td>
</tr>
</tbody>
</table>

### Standards and Regulations

The transformers are manufactured conformably to the requirements and recommendations of the following standards and regulations: IEC, VDE, ANSI, BS, GOST and ČSN.
Marking of the voltage transformer outlets

a) Single-pole insulated transformer
b) Single-pole insulated transformer with a tap
c) Single-pole insulated transformer with two secondary windings
d) Single-pole insulated transformer with two secondary windings, with one of which being the auxiliary (residual) winding

e) Single-pole insulated transformer with two secondary, tapped windings, with one which being the auxiliary (residual) winding.

The data and illustrations in this catalogue are not binding. We reserve the right to make changes of the content, in the course of technical development of the product.