

**TURKÖ**

# **TRANSFORMATOR STATION IN SHEET STEEL**



## BRIEF DESCRIPTION

Transformer station typ 2MTT 5x5 are intended for electricity power transformation and distribution in public and industrial energy distribution networks, construction sites. It is connected by cables. The electrical diagram and arrangement of the equipment in the transformer substation are to be settled when making an order.

### Main advantages:

- ✓ Convenient arrangement and large choice of equipment
- ✓ Up-to date and solid sturdy design
- ✓ Possible replacement of the housing modules
- ✓ Low dimensions
- ✓ 2mm thickness zinc coated sheet steel housing, powder painted
- ✓ Delivered with hot dip galvanised steel base frame foundation

## LOW VOLTAGE COMPARTMENT

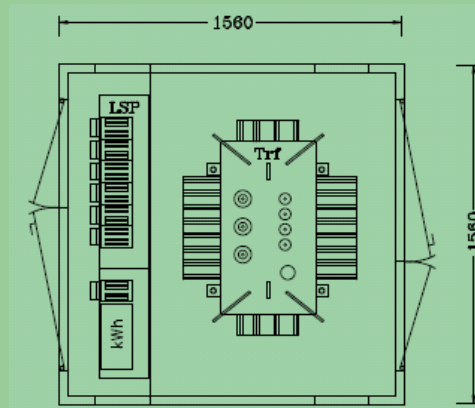
The low voltage unit is either an open distribution board with a busbar running the length of the assembly or a metal-enclosed, modular switchgear type SI-04. Switch-fuses type SLC and SLB (ABB Kabeldon, Sweden) or NH (EFEN, Germany) as well as MCCB'S with rated currents up to 630A can be used as switching devices. Metering instruments can be installed if required.

## TRANSFORMER COMPARTMENT

Medium voltage is supplied directly to the transformer by the cable. In every case transformers are to be transported separately and placed in to the substation through the roof at site. Cable is used for the connection of transformer with low voltage equipment. Rated power of the transformers placed in the substation is up to 315 kVA.

## HOUSING AND DIMENSIONS

The height of the substation is 2510 mm. The housing is assembled of modules the width of 250, 500 or 750 mm. Modules are made of 2.0 mm hot dip galvanised sheet steel. The foundation of the substation is made of hot-dip galvanised sheet steel of 4 mm. The housing of substation is powder painted in standard colour: the walls – RAL7002, the roof – RAL9005. Other colours – on special request.



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