

“CCT”

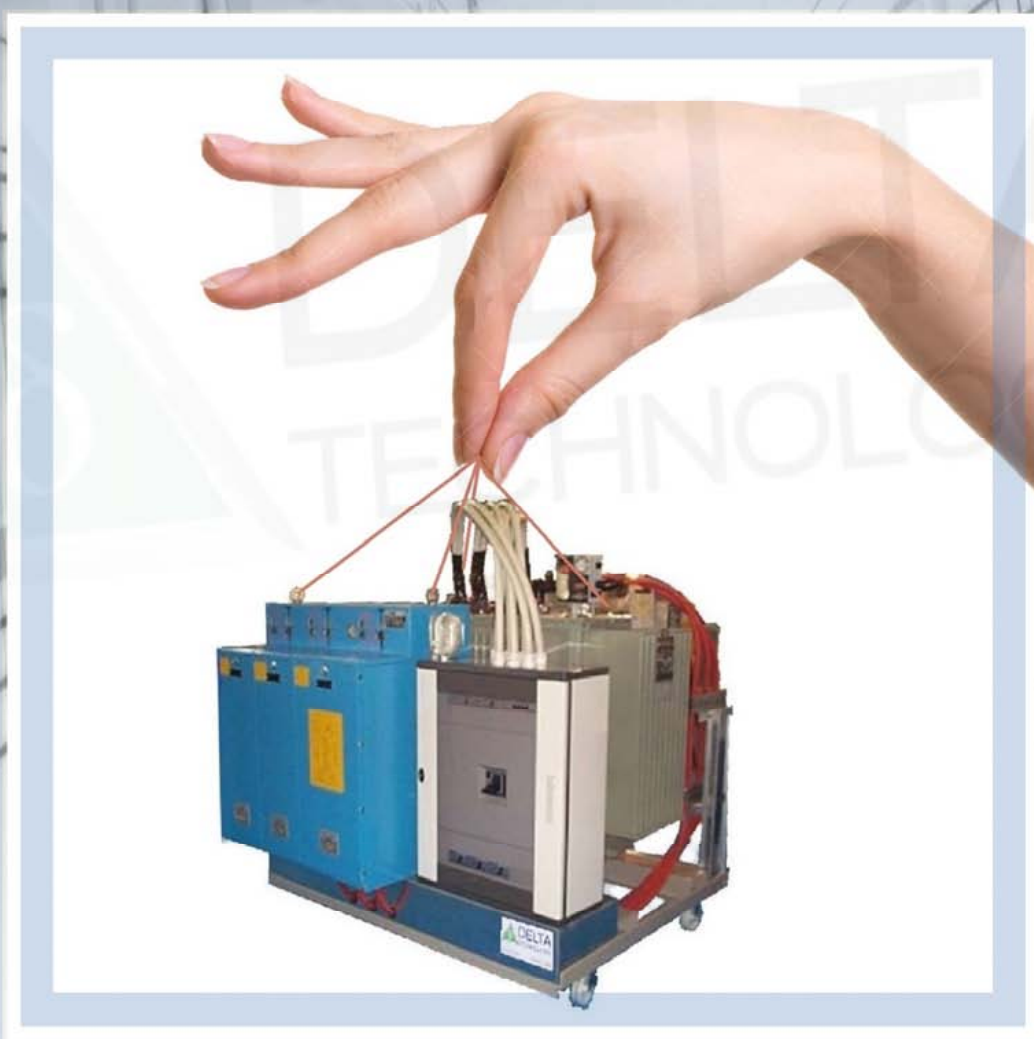
Compact Transformation Center

POCKET SUBSTATION

“CCT” Pocket Substations integrates all the elements (MV unit, MV/LV transformer and LV board) of a transformer stations, fully installed and inter-connected forming a single whole, very small and in self-supporting wheeled frame.

Suitable to equip technical rooms for transformation and distribution of energy on ring networks for voltage up to 24kV and for transformers up to 630 kVA.

These centers are erected, equipped, inter-connected and routine tested in factory, and consigned to the customers ready for their installation and switching-on.



Applications:

- For quick equipping on-site of Compact Prefabricated Substations, both external and underground types, for public or private energy distribution networks, housing estates, industrial estates, special environments, etc.
- As retrofit or replacement of conventional Transformer Stations or rehabilitation old civil works buildings, given its small size and self-supporting frame with wheels that allows the manoeuver and placement on places with difficult access.

POCKET SUBSTATION

“CCT”

GENERAL CHARACTERISTICS

- Ready for use (only necessities MV feeding and LV outgoing connections).
- Suitable to be used within existing or new substations or within any other room even without particular safety features.
- Components manufactured, assembled and controlled according with IEC 62271-202 Standard, and under certified Quality System according with ISO 9001.
- Design verified through type tests performed in accordance with standards.
- Routine tests performed in factory for the whole substation.
- Transformer protection by use of MV SF6 insulated Ring Main Unit.
- Rated voltage up to 24kV.
- Equipped with sealed type Transformer up to 630kVA.
- MV connections between RMU and TR by plastic insulated cables, shrinkable terminations and T-adapters.
- LV panel equipped with fuse-links or MCB for the outgoing protection.
- Energy meter [kWh] (as accessory).
- Illumination on board.
- Compactness (Dim [m] : L=1,75 x W=1,60 x H=1,50)
- Easy handling on floor due to the incorporated wheels.
- Easy lifting of the complex by use of same TR eyebolts.
- The operations on site, for the put in service of the substation, are limited to its positioning and the eventual installation of the transformer and MV and LV connections only.



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