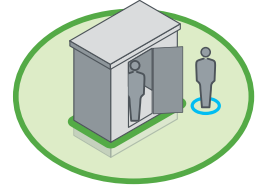


MV/LV prefabricated substation



Biosco W Ma 10

Walk-in type, up to 24 kV–1000 kVA
or 36 kV–630 kVA, 3 to 4 MV functions

PMT102346



Purpose

Biosco W Ma 10 is a MV/LV prefabricated substation dedicated to underground networks.

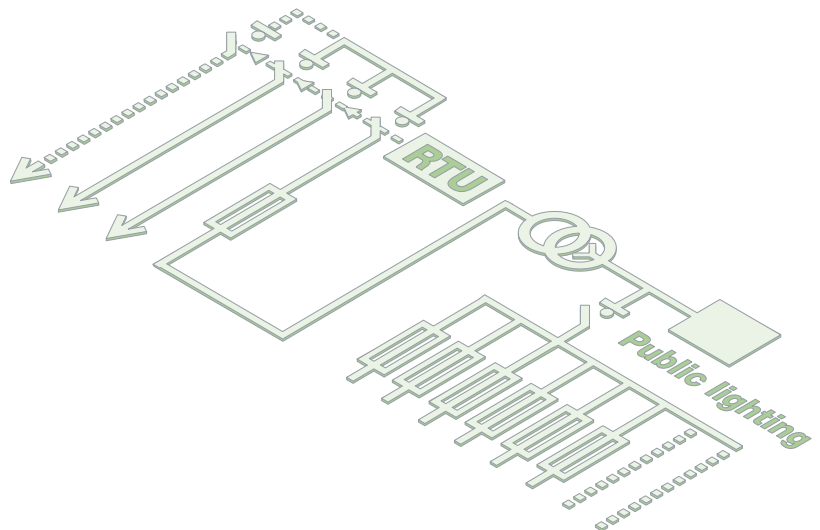
Rated power up to 630/1000 kVA.

Standards

Designed in accordance with IEC 62271-202

Manufactured in accordance with ISO 9001 and ISO 14001.

DM100212



Enclosure

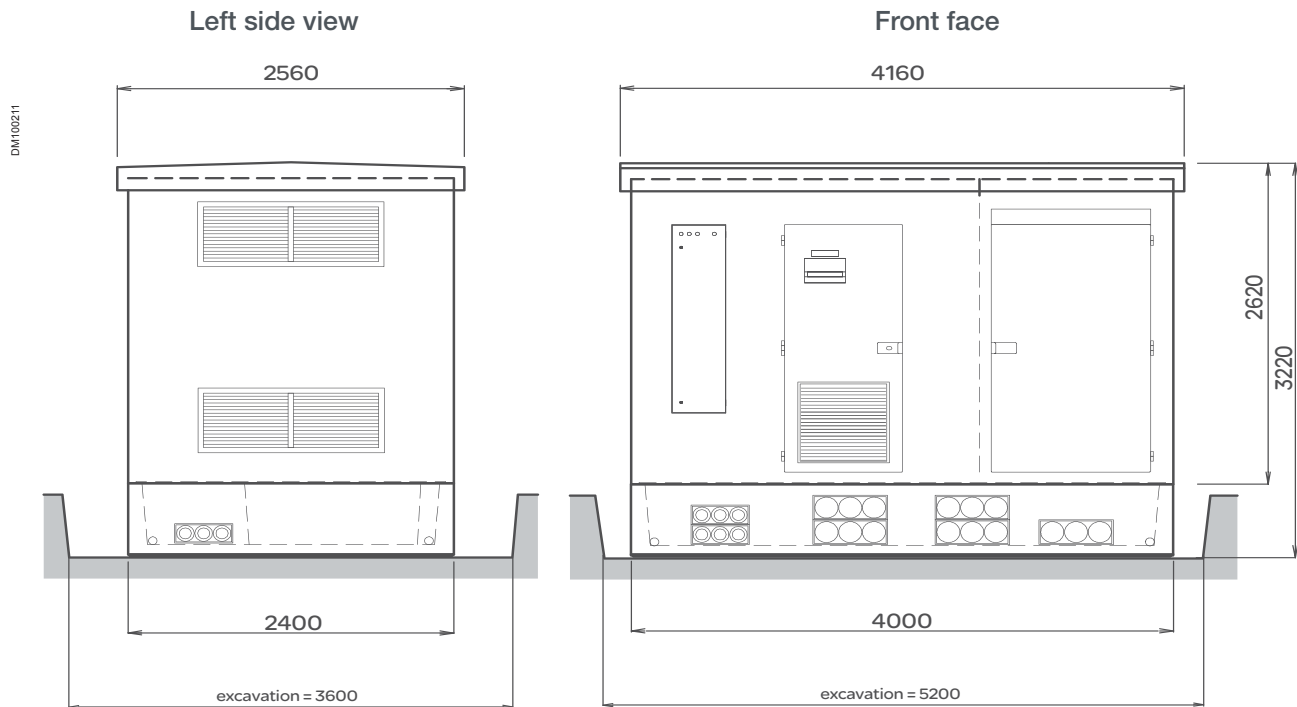
- Enclosure made of reinforced concrete, including the underground tub (foundation) with pre-broken holes for cables entry
- Underground tub may be delivered separately in case of uneasy access
- Protection degree:
 - IP 25 D (against ingress of foreign objects and liquids)
 - IK 10 (mechanical resistance to impacts)
- Class of enclosure 10
- Enhanced protection against step-up voltage by the installation of an equipotential loop
- Oil retention tank
- Ground surface: 9.6 m²
- Approximate weight with equipment: 17 t
- Height above ground level: 2.62 m
- Finish: choice of colours, optional cladding

Equipment

- MV switchboard: RM6 or SM6 or CAS 36 up to 4 functions
- MV interconnection with 50 mm² aluminium cables
- Transformer: oil type, 630/1000 kVA (depending on dimensions)
- LV interconnection with copper bars or 240 mm² aluminium cables
- LV switchboard: TUR, TIPI or OPUS 4 to 8 outgoing with fuses or circuit breakers
- Earthing circuit, internal lighting
- Optional equipment:
 - Remote Terminal Unit: Easergy T200
 - Fault Passage Indicator: Easergy Flair
 - Public lighting cabinet
 - LV metering

Biosco W Ma 10

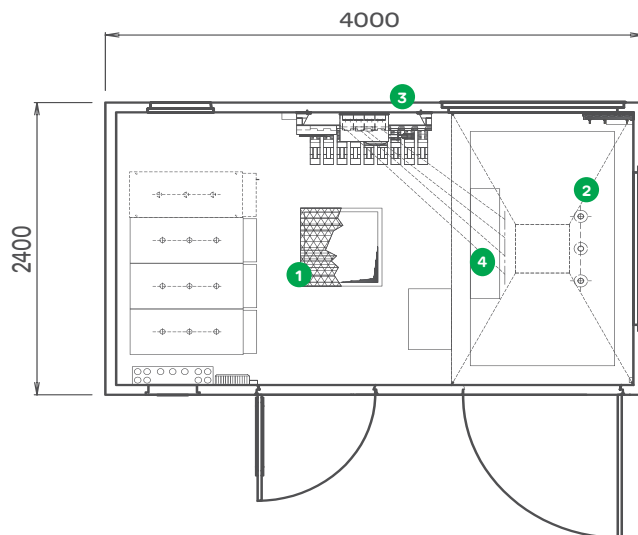
Dimensions



Layout

Legend

- 1 MV switchboard: SM6 or RM6 or CAS 36 up to 4 functions
- 2 MV/LV transformer up to 630/1000 kVA (according to dimensions)
- 3 LV switchboard: TIPI on opus TUR or 4 or 8 outgoing
- 4 Easergy Remote Terminal Unit or Fault Passage Indicator




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As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.

Design: Schneider Electric Industries SAS
 Photos: Schneider Electric Industries SAS
 Printed: Altavia Connexion - Made in France

 This document has been printed on ecological paper