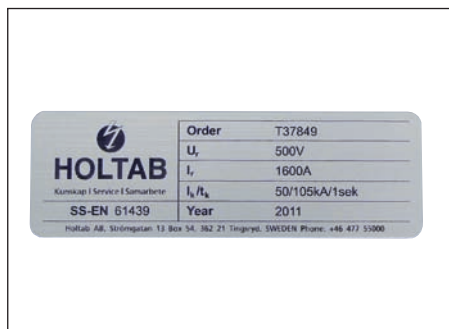


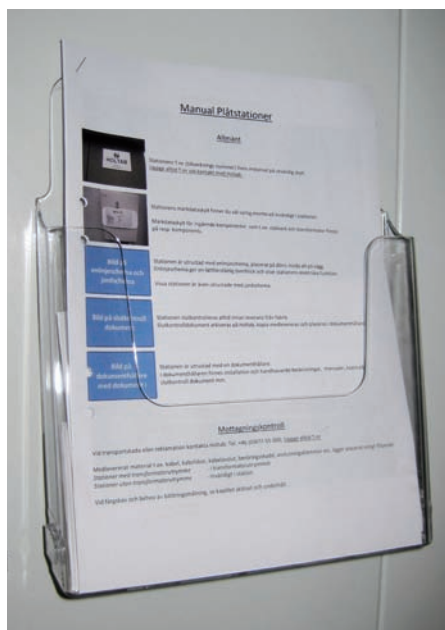
## General



The switchboard serial number is located on the data plate.

**Always provide the serial number when contacting Holtab.**

The data plate is located on the outside top right front corner and is clearly visible.



The switchboard always undergoes final pre-delivery inspection at the factory.

The switchboard documentation can be found inside one of the hatches.

The pre-delivery inspection document is archived at Holtab; copies are enclosed together with drawings on delivery.

The documentation includes manuals, drawings, a copy of the pre-delivery inspection document, etc.

## Acceptance Inspection

In the case of transport damage or claims contact Holtab Tel. +46 477 55 000. **Always provide the serial number.**

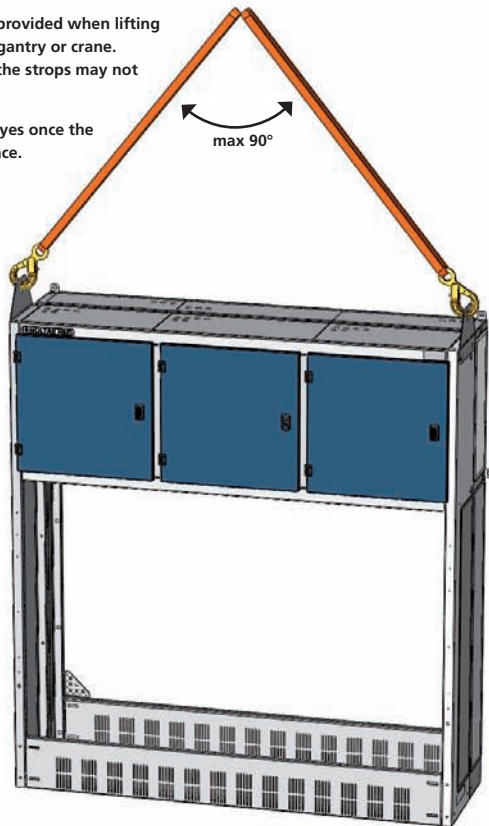
Materials such as cables, safety guards, terminal clamps, etc included in the delivery are always shipped with it and are either located inside one of the switchboard hatches, in a box on the same pallet or on top of the switchboard.

## Lifting and handling

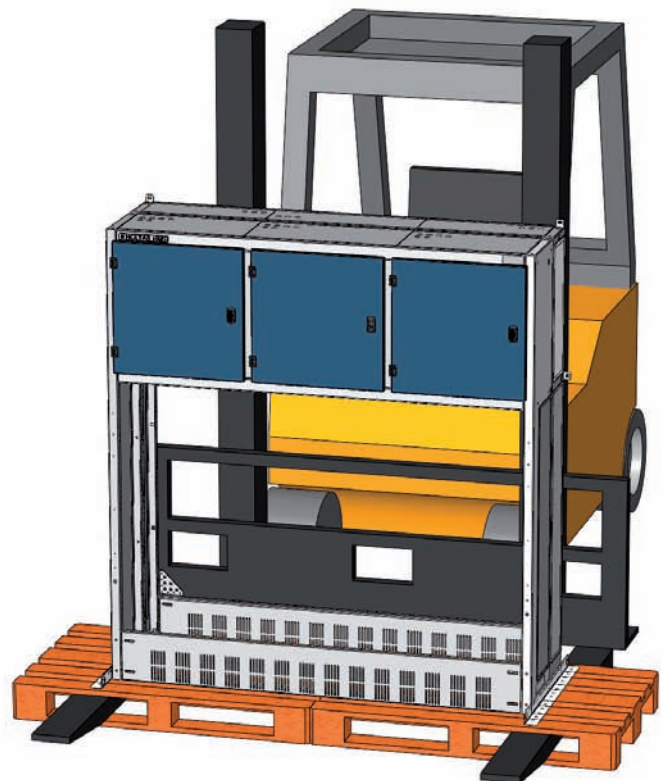
Information regarding switchboard weight is included in the order specification and on the shipping label.

Use the lifting eyes provided when lifting the switchboard by gantry or crane. The angle between the strops may not exceed 90°.

Remove the lifting eyes once the switchboard is in place.



When using a forklift, set the tines wide and be aware of the switchboard's high centre of gravity.

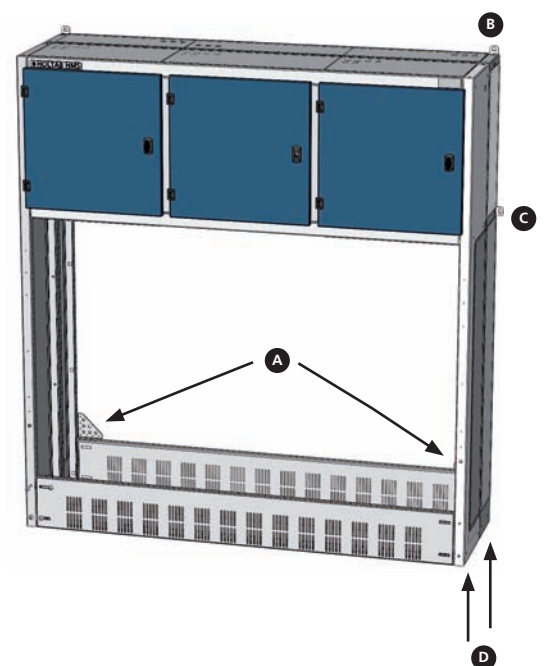
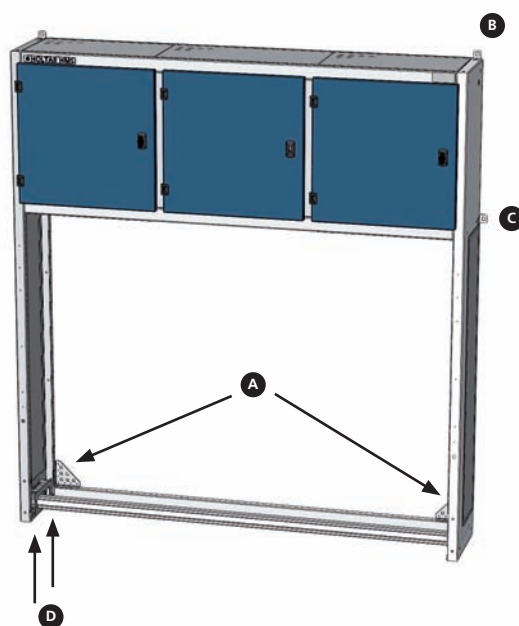


## Setting up

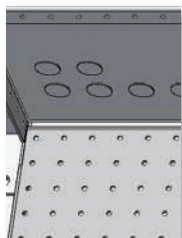
Bolt the switchboard to a wall through the holes in attachment plates A and B or C.

When installing on a floor make sure the floor surface is plane/flat and that the switchboard side frames take the greatest weight.

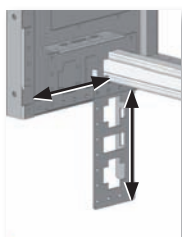
The bases of the switchboard side frames are holed for bolting directly to the floor (D).



## Handling instructions



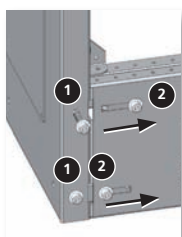
Knock-outs are prepared in top of the cabinet. Dislodge the knockouts with a screwdriver.



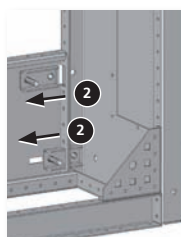
Strain relief bar adjustable in height and depth.

The metal batten is easily removed.

1. Remove the side panel screws.
2. Untighten the screws two turns and slide them sideways.
3. The front plinth is now free and can be removed



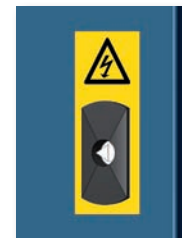
Front view



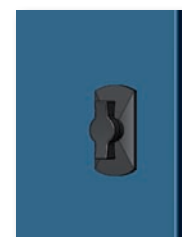
Rear view



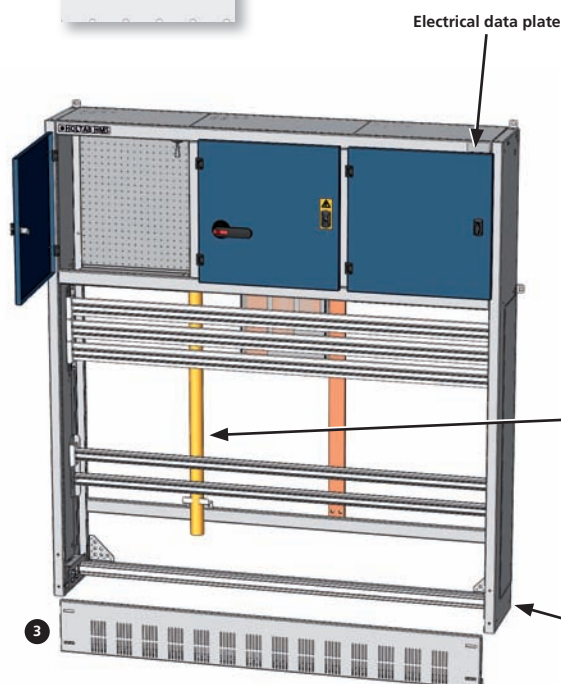
The key for the triangle lock is hanging to the top right inside the left hatch.



Hatches to spaces containing live parts (not IP20 behind hatch) have warning labels and are opened and closed using the triangle lock key.



Hatches to spaces containing local power, signal terminals, fuses and other equipment (IP20 behind hatch) are opened and closed by handle.

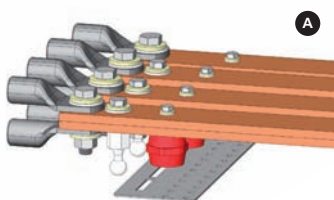


Electrical data plate

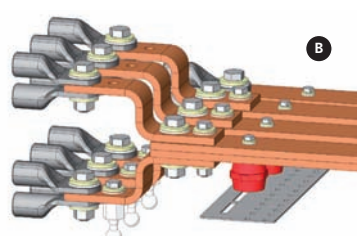
Optional 50 mm VP conduits are available to facilitate running external cables from floor level up to the connection space (behind output devices).

Earth the cabinet by a bolt through one of the side panels.

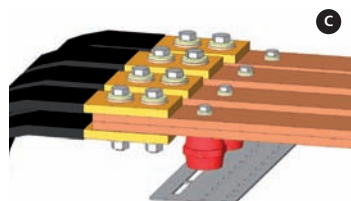
## Connection alternatives (transformer side)



A



B



C

A. Standard connection 1–2 cables.

B. With attachment for 3–4 cables.

C. With flexible bars.

Tightening torque: For applicable values refer to [www.holtab.se](http://www.holtab.se) or contact us on +46 477 550 00.

## Connection alternatives (output devices)

The cabinet is suitable for equipment of the following manufacture: ABB Kabeldon, ABB Cewe, ABB Fastline, ABB Slimline and DIN.

We refer to the product manufacturers concerned for installation instructions, torque values, fuse selection and maintenance, etc. of the above-mentioned systems.

## Care and maintenance

### MAINTENANCE

Maintenance intervals are governed by the components included in the station and the intervals specified by the supplier.

The degree of maintenance is also affected by the environment in which the product is installed.

The cabinet is maintenance free.

### ENVIRONMENT

Do not install the switchboard in places that will reduce its lifetime such as spaces that are highly contaminated, have high humidity or high average temperatures.

In normal operations with regular equipment pollution degree 3 is the highest recommended according to IEC 61439-1.

If the switchboard is installed in a station make sure there is adequate drainage in the cable trench so that condensation does not collect and to prevent rising damp from getting into equipment.

For further info refer to our website at [www.holtab.se](http://www.holtab.se)  
Technical support tel. +46 477 550 00