



ACB & MCCB Options

# Transformer mounted distribution cabinets

## Description

Transformer mounted LV distribution cabinets. Suitable for mounting to EA 35-1 standard F type flanges. Terasaki fixed MCCB and ACB designs available as standard, other manufacturers available if specified.

Housed in an IP33 outdoor rated enclosure. Half rated neutral (fully rated available). In house Terasaki trained engineers support available.

## Benefits

- Short delivery times.
- Use of different circuit breaker manufacturers.
- Standard and size specific assemblies.

## Sizes

- MCCB cabinets from 400A to 1600A with 3 or 4 pole fixed MCCB's.
- ACB cabinets from 800A to \*4000A with 3 or 4 pole fixed ACB's. (\*4000A ACB's would be drawout type).
- Splitter cabinets with a mixture of MCCB's or ACB's to suit individual site requirements designed to order.

All available as top or bottom entry outgoing cable termination.

### Standard Transformer mounted LV cabinets available

	600mm wide	650mm wide	800mm wide	1000mm wide
MCCB's	✓	-	-	-
ACB's	✓	✓	✓	✓
MCCB Mix	-	-	✓	✓
ACB/ MCCB	-	-	✓	✓

## Construction

Enclosures are manufactured from 2mm cold reduced zintec sheet steel with polyester paint finished to BS 381C shade 632, other colours / specifications are available upon request.

All enclosures are provided with a rain shed roof, removable front apron plate and pad lockable outer door(s) for customer padlocks. Lifting points are attached at each corner to assist in fitting.

Cable entry is from below as standard, or from above when requested.

## Protection Rating

Enclosures provide outdoor protection to IP33 as standard, or up to IP54 when required.

## Busbars

HDHC Tinned copper busbars are formed to provide high quality and long lasting finish.

## Options

- Multi way cabinets.
  - Multiple incoming devices with interlocking to prevent parallel supply (see sizing chart as above).
  - Multiple outgoing devices in many combinations.
- Moulded case circuit breakers from 400A to 1600A.
- Ratings from 800A to 4000A are available using air circuit breakers.
- Outgoing cable access from above or below.
- Paintwork colours and special finishes.
- Equipment is provided trunk connected to the transformer L.V. monoblock.
- Extended trunk to stand the cabinet clear of the transformer cooling radiators if required.
- Anti-vibration laminated connections.
- Mounting feet are available upon request (supplied as standard on larger cabinets).
- A variety of equipment and instrumentation can be provided, housed in a separate 'Top Box'.



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