

# EVOLUTION DISTRIBUTION BOARD - STANDARD

E43L60XT4250/ E43L72XT4250

## STANDARDS:

- Compliant to AS/NZS 61439.2 & AS/NZS 61439.3
- Tested to  $I_n A = 250A @ RDF$  of 0.6
- Conditional Withstand Rating: Tested to 30kA

## CONSTRUCTION:

- Enclosure Dimensions (Height x Width x Depth): 1200mm x 600mm x 200mm
- E43 IP43 is rate tested to AS60529-2004 by TESTSAFE certificate 32363
- 1.0 - 1.2mm Mild steel Shell, partially welded construction
- Colour RAL7035 (Grey)
- Continuous machine-injected polyurethane gasket
- Door hinge: mild steel 1 fixed pin and additional hinges are spring release
- Paint is epoxy polyester powder, semi-gloss 50-70%, 60-80 micron & cured at 180 °C
- Twin gland plate with polyurethane gasket
- Standard with 3 IEC steel locks
- Mounting plate: Aluminium Zinc 2mm
- Escutcheon: 2.0mm Mild Steel, colour RAL9010 (White)

## CHASSIS

- Current Rating: 250A
- Base 1.5mm sheet steel
- Copper: 2mm thick for 250A chassis
- Withstand rating: Tested to 25kA/0.1s and 10kA/1s
- Number of Poles (18mm Pitch): 60/72

## MAIN SWITCH:

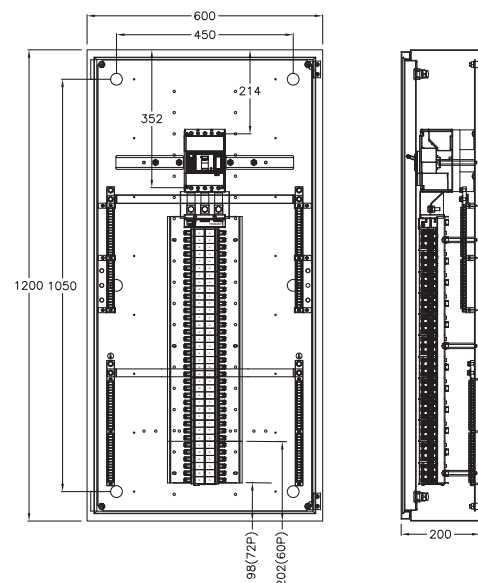
- IPD Main switch 250A 690Vac rated ABB XT4 MCCB
- Rated ultimate short-circuit breaking capacity (Icu) at 415Vac: 36kA

## SUPPORT SYSTEM

- Pillars are 14mm A/F bright mild steel bar
- Z15 Fe/Zn 8cC (Dichromate passivation)

## EARTH AND NEUTRAL BARS

- 330A Dual Bars
- Bar cross section: 10mm x 20mm
- Tunnel terminal: 6mm (16mm<sup>2</sup> conductor)
- Double feeder fixing M6
- 250A rated copper link, neutral link DURAVIN coated



Up to 72P\*

\*72P model shown