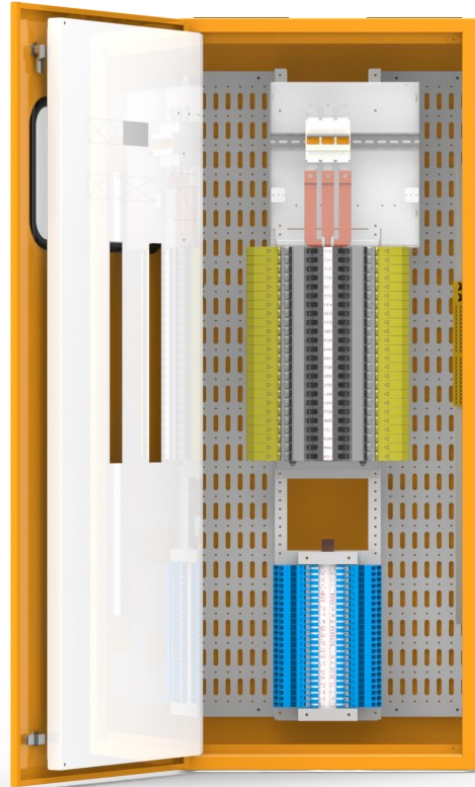


GENERAL INFORMATION AND SPECIFICATION



GENERAL INFORMATION

Welcome to ISOLECT™ Lite

When safety is paramount and critical loads need to be maintained, there is one system that will cater to not only your electrical requirements, but also your safety obligations.

ISOLECT™ is a unique product that allows you to add or replace a circuit, inspect or change the rating of a circuit breaker and provide new cable without affecting other circuits in the switchboard.

This is done via an arrangement on the Isobar power chassis in combination with a special neutral allowing both the active and neutral to be disconnected one pole at a time.

This provides complete isolation of all live conductors including the neutral, providing a safe working state to remove or add cables.

All connections are covered preventing inadvertent contact. The main switch and chassis termination are completely covered by insulated enclosures.

ISOLECT™ is the safer solution.

Also available is ISOLECT™ . A larger version, for larger installations. Suitable for up to 96 poles.

Compliance

- Form 4ah to AS3439.2002
- AS/NZS3000:2007
- Complies with OH & S Regulation
- Inspected by Workcover NSW

Standard Features

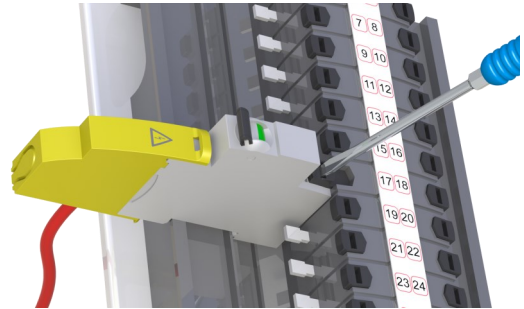
- 250A Isolator
- 250A Isobar Chassis (size as nominated)
- Fully populated with C60N 6kA single pole circuit breakers c/w terminal covers
- Clearly numbered earth and neutral terminations
- Full sized neutral
- Generous cable tray system built in.
- Top or bottom access with cable entry system interchangeable top to bottom
- Neoprene sheet seal pre-punched aluminium cable entry plate
- Flush lockable operating handle
- Both external door and internal escutcheon opening fully top allow clear access.
- Internal schedule holders and document pocket for manual
- Operation manual, training disc and Training and Authorisation Program

GENERAL INFORMATION

INDIVIDUAL POLE DISCONNECTION

The image opposite shows the Isobar chassis where it is possible to disconnect an individual pole to any given circuit without isolation of adjacent circuits.

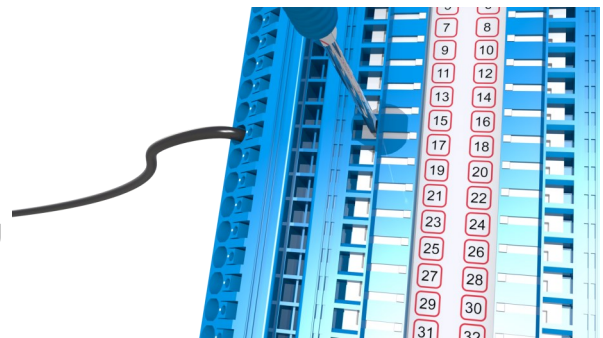
* For clarity, the image shows only an single circuit breaker mounted on the chassis.



TOTAL CIRCUIT DISCONNECTION

This image shows the neutral slide being activated with a screwdriver to disconnect the specific neutral from the main neutral bar, thus allowing for total circuit isolation and safe access.

A cable or circuit breaker may be safely replaced by following the procedures in the Training Manual and relevant Safe



TRAINING DECLARATION

Each ISOLECT™ and ISOLECT™ lite manual is provided with a training disk and authorization sheet. This sheet is to be filled out and signed by the operator prior to use. This will ensure that the appropriate training has taken place and that the operator understands and agrees to abide by the conditions of operation.

Additional Options

- Power monitor. Also available with RS485 output
- Software package for remote monitoring
- 10kA circuit breakers
- Single pole RCD circuit breakers c/w terminal covers
- Three phase circuit breakers
- Additional cable entry plate for top and bottom entry
- Surge diverters
- Individual branch current or power monitoring
- Additional customizing on request