

# Bridge Install | 45AU Series Cannons

# IMPORTANT: POWER ISOLATION BEFORE SERVICING

Before performing any work on the electrical control board of the 45AU Series Mist Cannon, it is critical to ensure the machine is fully isolated from all power sources. Failure to do so may result in serious injury or equipment damage.

## 1. ISOLATING THE MACHINE

### If Connected to a Makinex/Honda Generator:

Turn Off the Generator – Ensure the generator is completely shut down.

Engage the Isolator – Activate the isolator switch to cut off power supply.

Turn Off the 32A Plug – Switch off the power at the connection point.

Disconnect the 32A Plug from the Generator – Physically unplug the machine to prevent accidental power restoration.

### If Powered from an External Source:

Isolate the Power Source – Ensure the external power source is switched off and locked out if possible.

Disconnect the 32A Plug – Unplug the mist cannon from the power source to prevent accidental reconnection.

## 2. VERIFY ISOLATION

Before opening the electrical control board:

Double-check that all power sources are disconnected.

Confirm that the machine does not power on when attempting to start.

## 3. OPENING THE ELECTRICAL CONTROL BOARD

Once the power source has been successfully isolated:

The electrical control board can be safely opened.

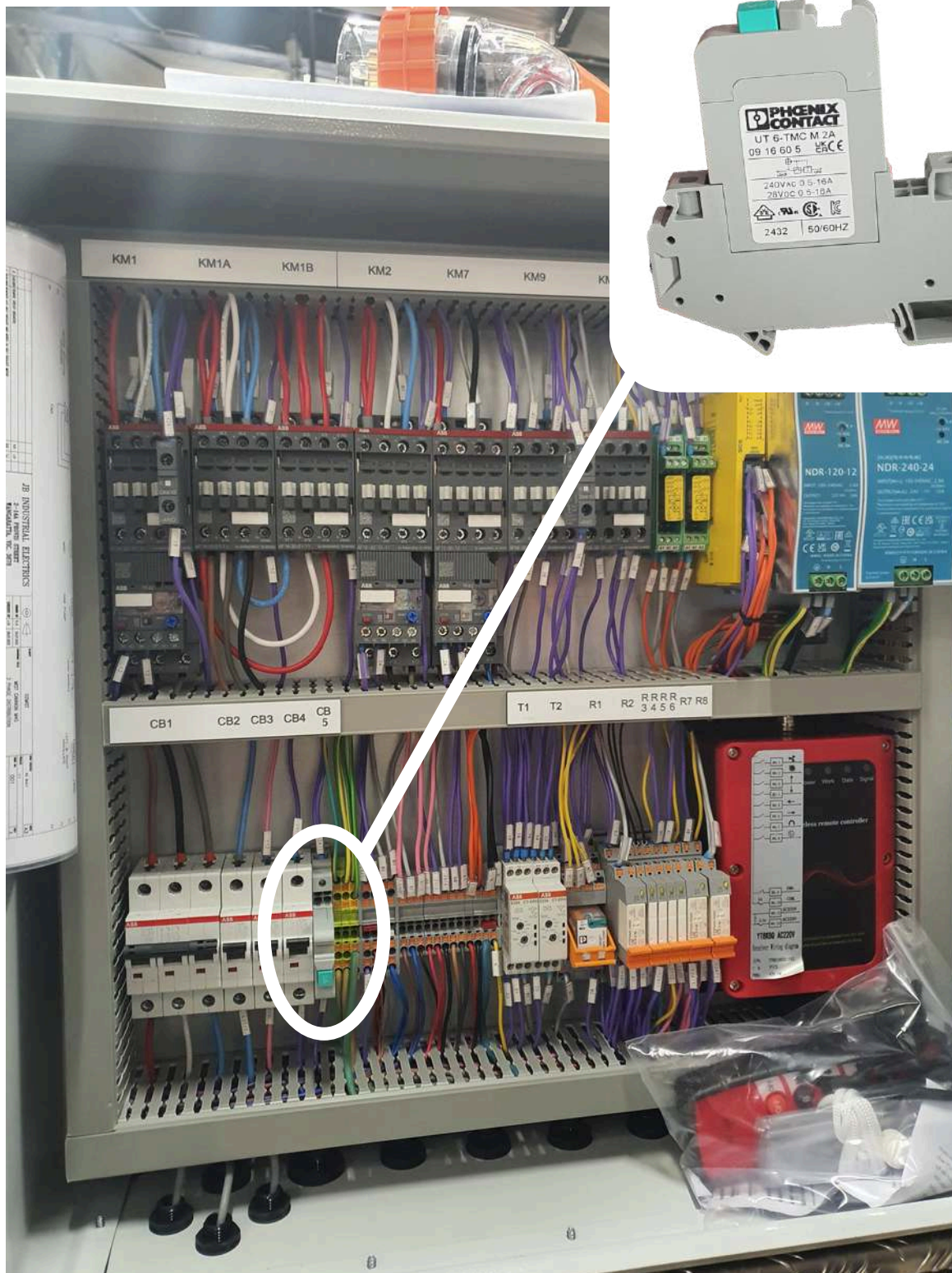
Proceed with necessary servicing or circuit breaker removal.

Note: All electrical components within the control board operate at 24V; however, proper isolation procedures must still be followed to ensure safety.

⚠ **WARNING:** Failure to properly isolate the machine before servicing can result in electrical hazards. Always follow the steps above to ensure a safe working environment.

# LOCATING THE COMPONENT

FINDING THE CORRECT CIRCUIT BREAKER TO REMOVE



## Tools Required for Assembly:

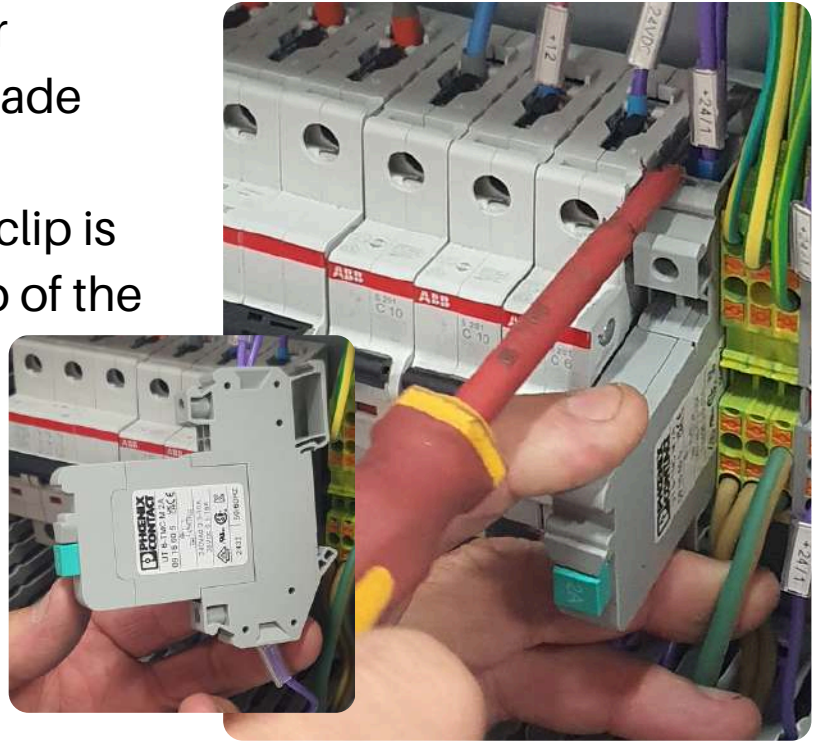
- 1 x Insulated Flat Screwdriver
- 1 x Cabinet Lock Key

## OZmist Contact:

- 1300 306 478
- [enquiries@ozmist.com.au](mailto:enquiries@ozmist.com.au)

# REMOVING THE CIRCUIT BREAKER

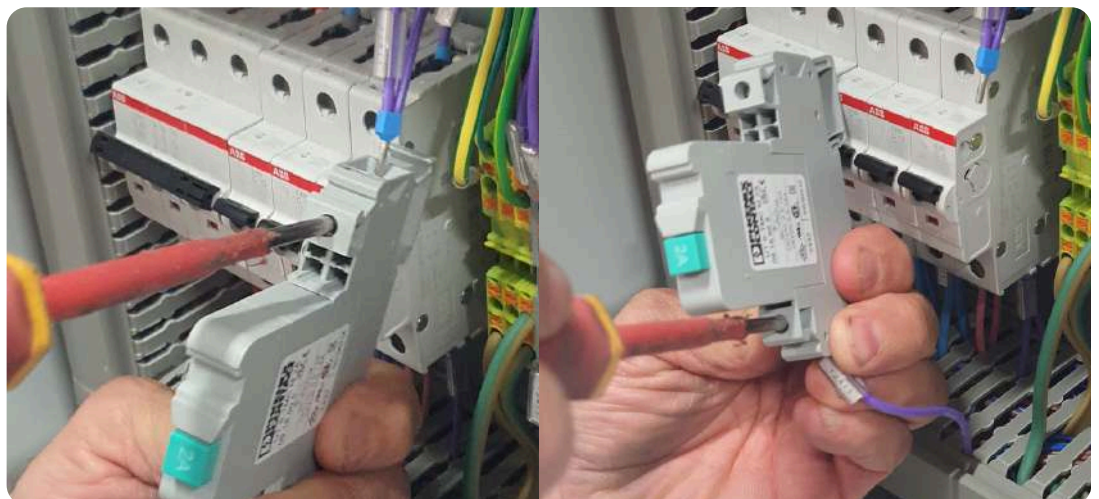
1. With the Circuit Breaker located, use a small flat-blade screwdriver to unclip the breaker from the rail - the clip is located at the back on top of the component.



2. Remove the Breaker from the Rail and use the flat-blade screwdriver to undo the top and bottom screws that hold the cable in place.



Remove the cables and discard the Circuit Breaker.



# INSTALLING THE BRIDGE COMPONENT

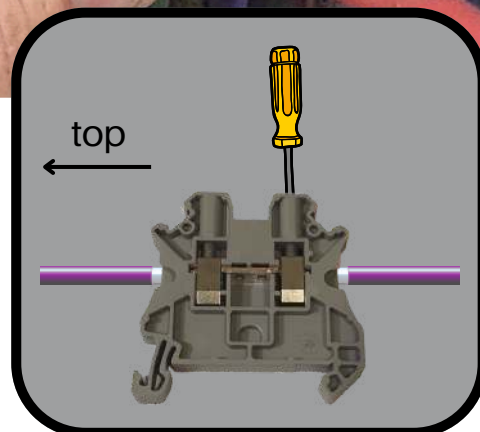
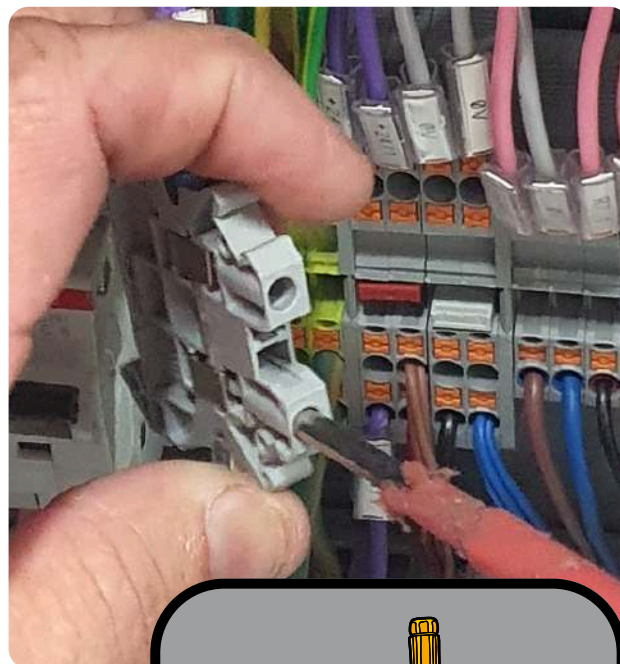
3. Take the Bridge Component and make sure that the metal side is positioned against the ABB Breakers.

Before attaching to the rail the cables need to be fitted and fixed in place.



4. Take the top cable and locate it in the top side of the bridge component making sure that the metal side is still facing the ABB Breakers.

Use the small flat-head screwdriver to secure the cables firmly in place. Follow the same process with the bottom cable.



# INSTALLING THE BRIDGE COMPONENT

5. With the cables installed, locate the lower portion of the Bridge onto the Rail. Then press the top portion onto the rail until it clicks firmly into place.

The ABB Breakers can slide across to provide a snug fit for all components.



6. The Electrical Box can be closed and locked. The Cannon can be connected to its power source and tested for proper function and operation.



Phone 1300 306 478

Email [enquiries@ozmist.com.au](mailto:enquiries@ozmist.com.au)

Website [www.ozmist.com.au](http://www.ozmist.com.au)

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