

SAFER SWITCHGEAR OPERATIONS



- **Operate Switchgear from a Safe Distance**
- **Remove Risk to Personnel**
- **Comply with Health & Safety Guidance**



TemPower 2 ACB Autoracker



Insertion and withdrawal of Air Circuit Breakers are arc flash hazards in installations under certain industry regulations. The autoracker inserts and withdraws Terasaki ACBs from outside the designated arc flash boundary, this means you can:

- **Comply with Health & Safety Guidance***
- **Reduce PPE requirements.**

Preparation of Autoracker is as safe as possible since:

1. the Autoracker can be mounted and operated without opening the compartment door;
2. it is not necessary to drill, cut or modify the ACB or switchboard;
3. the Autoracker clamps to any Terasaki TemPower 2 ACB without mounting brackets or additional fixings.



Clamp the autoracker to the ACB



Plug in the umbilical cable



Retreat to a safe distance with the pendant controller.

* "The provision of remote operating facilities should be considered in order to minimise the risks to personnel operating the equipment." - Paragraph 148, Keeping Electrical Switchgear Safe. HSG230 (2nd Edition) 2015. The Health and Safety Executive (UK). HSE Books.



TemPower 2 ACB Remote Controller



Pendant controller



"Umbilical" socket on front cover of ACB

The TemPower 2 ACB remote controller opens and closes the ACB at a safe distance, this means you can:

- **Remove operators from risk**
- **Comply with Health and Safety Guidance***

The remote controller is quick to install and easy to use:

1. connect the pendant to the "umbilical" socket on the front cover of the ACB;
2. retreat outside the arc flash boundary;
3. Use the pushbuttons to open and close the ACB.

* "The provision of remote operating facilities should be considered in order to minimise the risks to personnel operating the equipment." - Paragraph 148, Keeping Electrical Switchgear Safe. HSG230 (2nd Edition) 2015. The Health and Safety Executive (UK). HSE Books.

Terasaki are now supplying the TemPower 2 ACB Autoracker and Remote Controller for use in factories, process plants and mining.



Here's how to make switchgear operations safer:

1. a. Autoracking for new or existing switchboards with TemPower 2 ACBs:

The Autoracker can be used with any new or existing TemPower 2 ACB. Simply contact us to order the Autoracker kit which we will supply in a rugged trolley case with tools included.

b. Autoracking for ACBs other than TemPower 2:

We can easily retrofit other brands to TemPower 2 ACBs. Ask us about retrofit with Autoracker.

2. a. Remote Controller for new TemPower 2 ACBs:

Ask us to include a remote controller as an optional accessory at the time of your order.

b. Remote controller for installed TemPower 2 ACBs:

Our technicians will come to site and rewire the ACBs for remote control. Ask us about rewire for remote control.



www.terasaki.com

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TERASAKI ELECTRIC (EUROPE) LTD.

80 Beardmore Way, Clydebank Industrial Estate,
Clydebank, Glasgow, G81 4HT, Scotland (UK)

Telephone: 44-141-941-1940

Fax: 44-141-952-9246

Email: marketing@terasaki.co.uk

<http://www.terasaki.com>