

To All Customers

Report No. A20005

June 30, 2021

Fuji Electric FA Components
& Systems Co., Ltd.

[Start of Sales Notification] MCCB & ELCB Busbar Plug-in Products Announcement of Start of Sales of G-TWIN Global and G-TWIN Lambda Series Products

We would like to thank you for your continued efforts in promoting the sale of Fuji products. We are pleased to announce that we will be releasing space-saving G-TWIN Lambda Series and globally-compliant G-TWIN Series (UL certified) busbar plug-in breakers in June 2021.

In conjunction with the release of the UL certified (global) products, we will be discontinuing the production of BV/EV TWIN Plug Series plug-in breaker products by incorporating them into the BW/EW G-TWIN Series products.

We would like you to review the following information and inform the appropriate personnel at your company.






1. Purpose of product launch

In recent years, buildings that require large capital investment, such as semiconductor manufacturing plants (clean rooms) and data centers, are being required to have a smaller footprint (i.e., better floorspace efficiency). As a result, there is increasing demand to reduce the size of switchboards (power boxes) and control panels.

By releasing a lineup of busbar plug-in type products that achieve space savings, we will be able to further enhance our competitive advantage over OEM manufacturers, especially in the rapidly growing market of semiconductor manufacturing equipment.

In particular, products that support more branch breakers in a panel are more widely adopted. Providing these types of products increases competitiveness among manufacturers.

2. Product launch

Applicable panel	Rated current (A)	Connection type	15A	32A	50A	63A	100A	125A	250A	400A	500A	630A
For power distribution panels	 GTA Series Busbar Plug-in	Plug-in type	 3 A to 50 A (ELCBs: 5 A to 50 A)									
	 GTA Series Busbar Plug-in Global	Plug-in type	 3 A~250A									
For power distribution panels For switchboards	GTA Series Busbar Plug-in (On sale)	Plug-in type	 3 A~630A									

3. Common product features

- Space savings: Reduces wiring space on the primary power supply side for relay terminal blocks and relay breakers, resulting in a 20% smaller footprint.
- Workability: Simply inserting the breaker into the busbar (copper bar) completes the wiring work for the primary power supply side.
- Global compliance: Supports UL, KC, CCC and other major international standards required for overseas export. However, global products only come with UL certification.
- Easy maintenance: No need to periodically retighten the primary power supply side. Reduces the need to dispatch workers to perform installation and periodic inspections.
- Reduces breaker replacement labor-hours: Significantly reduces on-site replacement time and downtime since there is no need to perform wire changes or routing when changing loads.
- Supports standard busbars: Supports use of inexpensive and widely-available electro Ni plated standard busbars with R = 0.5 or higher.
- Reliability: Undergoes strenuous testing, such as standard compliance testing, vibration testing, mounting and dismounting testing, and long-term high-temperature testing, to confirm reliability.

4. Start of sales

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5. Start of supply

We will be accepting orders from June 30.

The products are made to order.

Please allow two months for delivery after placing your order. However, we may have some products available in stock depending on demand.

If we receive a large number of orders, please understand that deliveries may take longer than usual.

6. Pricing

Please refer to the attached basic price list.

7. Consolidation of breaker types

Conventionally, we have sold plug-in breakers as part of our BV/EV Series, but due to the addition of the global product lineup, we will be consolidating products into our standard BW/EW Series to facilitate product management.

For more details, please refer to the information in Attachment (5) on the production discontinuation of BV/EV TWIN Plug Series plug-in breakers.