

FREQUENTLY ASKED QUESTIONS

Tandem and Quad Residential Circuit Breakers

Save space and increase number of circuits with Tandems and Quads



Find in this document, the answer to the most common questions related to Tandem and Quad circuit breakers

1. Do the wing stabs interfere with the installation of tandem and quad breakers?

- a. No, tandem and quad circuit breakers can be installed in any breaker position "on a single phase PowerMark load center."

2. What's the advantage of using tandem or quad breakers over installing a subpanel?

- a. Tandem and quad breakers are a more space-efficient solution for adding circuits compared to installing a subpanel, which requires more physical space and additional wiring.

3. Can tandem and quad circuit breakers be installed in both existing PowerMark Gold and new PowerMark PRO load centers?

- a. Yes, tandem and quad circuit breakers can be installed in any new or existing PowerMark load center, with or without wing stabs.

4. Can I replace a standard breaker with a tandem or quad breaker?

- a. In most cases, yes if the panel allows for it.

5. What are the limitations of using tandem or quad breakers?

- a. The primary limitation is that you can't exceed the panel's maximum load capacity. You should also avoid overloading circuits. Additionally, some circuits, such as GFCI's and DFCI's for kitchen appliances and bathrooms have specific code requirements that limit the use of tandem and quad breakers.

6. For quad breakers, can the outer single poles be in the middle and vice versa?

- a. You are not able to have two single poles in the middle and two-poles on the side. The quad circuit breakers come as two single pole breakers on the outside and a singular two-poles breaker in the center.

7. Can the breakers be connected at the toggle, so if one trips the others trip with it?

- a. No, the handle tie will provide common switching but no common trip.

8. What are the catalog numbers?

a. Tandems

- THQLT1515
- THQLT2020
- THQLT1520

b. Quads

- THQLQ151515
- THQLQ152015
- THQLQ153015
- THQLQ154015
- THQLQ201520
- THQLQ202020
- THQLQ203020
- THQLQ204020
- THQLQ203015

9. What do I need to know about Tandem and Quad breakers?

Electrical contractors receive multiple benefits when installing Tandem and Quad circuit breakers, such as:

- Space-saving solution which allows for an expanded number of circuits
- Easy installation and compatibility with all new and existing single phase PowerMark load centers
- Flexibility in adding new circuits or upgrading existing ones without load center replacement
- Durable construction for long-lasting performance and reliability
- Mounts in any breaker position, with or without wing stabs

To learn more about our residential offering visit:

<https://electrification.us.abb.com/residential>

Scan QR code or contact your local ABB representative for additional information.

