

## EK DISCONNECT

### Product Data Sheet



**Brooks' EK-Disconnect device allows meter staff to safely and easily disconnect and reconnect customer electrical service by bypassing meter sockets under load.**

## FEATURES

The EK Disconnect features exclusive benefits and advantages to provide a better, higher quality product:

- Three load-side indicators warn of unwanted potential, eliminating the risk of possible faults.
- Patented ejector handle for quick and proper removal.
- Includes a Cutler-Hammer 3 pole 100A 480V UL Listed circuit breaker.
- Constructed of solid polycarbonate housing is virtually unbreakable.
- Utilizes solid, one piece copper connectors with tin plating; no stranded wires inside to come loose.
- Detailed instructions and safety tips printed on every standard device.



**A variety of kit options are available which include LP adapters, bladed covers and Handi-Rings, conveniently stored in a Brooks soft-sided blue equipment bag.**

## MODELS

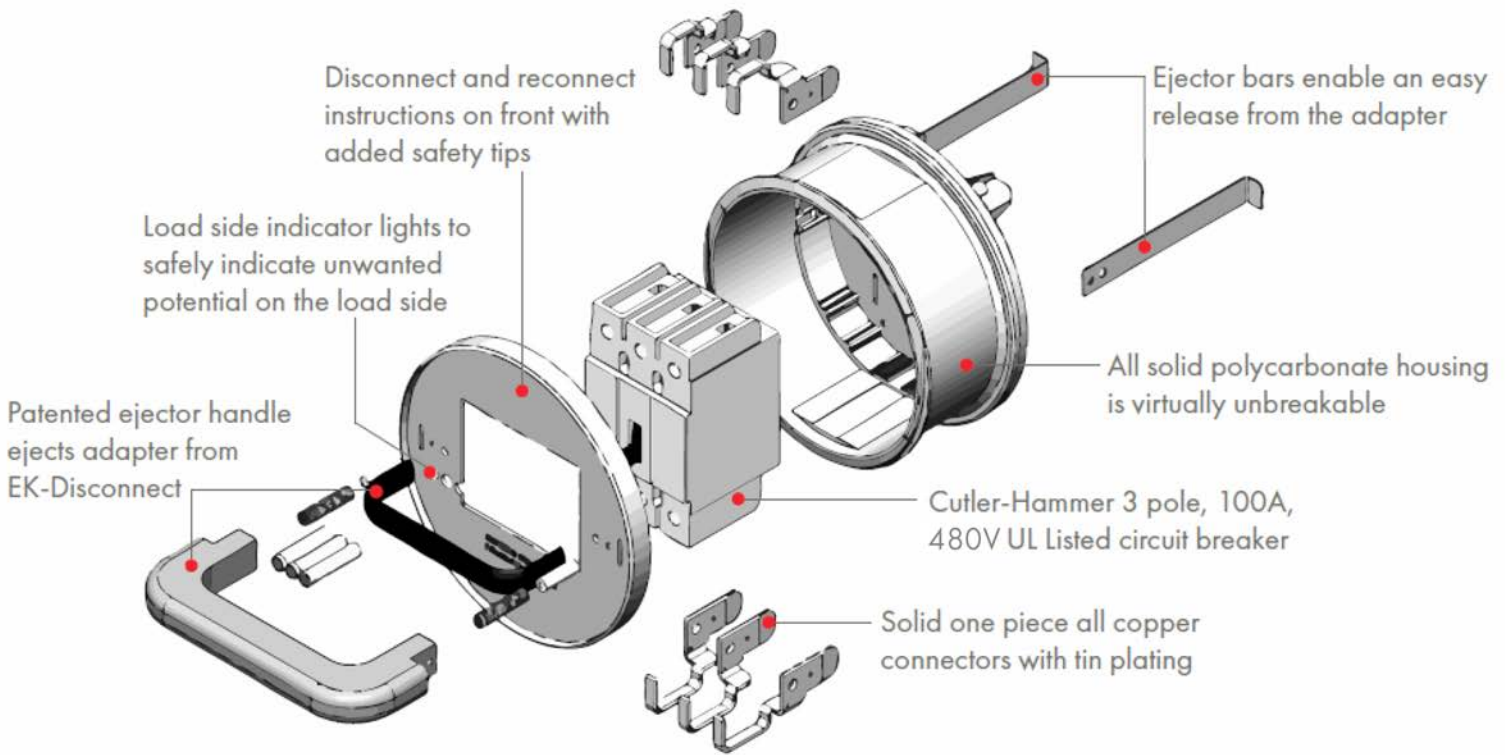
**EK-Disconnect - Standard Model Pictured**

**SP4349 - No Indicating Lights**

**SP4520 - No Disconnect/Reconnect Instructions**

**SP4836 - No Reconnect Instructions**

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## SPECIFICATIONS

- The EK-Disconnect contains a UL Listed, thermal magnetic, high fault interrupt circuit breaker that will safely break load and extinguish arcing that may occur as a result of heavy load or fault conditions .
- Normal overloads are handled by thermal trip elements.
- Short circuit/fault levels are handled by magnetic trip elements.
- The interrupting capacity of this circuit breaker is 65,000 amps at 240 volts and 22,000 amps at 480 volts.

## TESTING AND MAINTENANCE

- Regular field examination of the external condition of the breaker, ejector handle and potential lights is recommended.
- Circuit breaker integrity should be determined periodically by use of resistance measurement. The frequency should be determined by the severity of its use.
- It is recommended that the EK Disconnect be replaced after 6,000 normal cycles or 6 years from the date of manufacture, whichever comes first.
- The EK Disconnect should be replaced immediately after being subjected to a high fault circuit.

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