

# Weezap

Industry-leading vacuum  
circuit breaker switch  
and recloser



Electricity networks are facing challenges from an aging network combined with increasing pressures from the adoption of low carbon technologies such as EV's and solar panels.

Weezap is an advanced vacuum circuit breaker-based switch and recloser.

The device protects the network, opening the circuit breaker in overload and fault conditions and provides automatic reclosing to facilitate quick supply recovery with no visit to the site required. It also collects information about fault activity, load, and power quality. This data provides fault location via our Sapient algorithms, and the insights into the network allow low cost efficient mitigations to be chosen by the operator. Weezap's intelligent reclosing action prevents reclosing onto high energy faults, protecting the network and customers.

Weezap operates in conjunction with Kelvatek's Gateway management device, enabling the tripping, closing and configuration of multiple Weezap units. Weezaps provide network visibility via our interactive dashboards and fault location information via Sapient. They are fully compatible with the Equipment Manager app.



**kelvatek**  
camlin group

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## Benefits



### Fast, easy installation

Field staff can safely retrofit the devices on existing LV panels, with no need to replace the LV board



### Proven in the field

20 years of vacuum circuit breaker experience and over 5000 units shipped



### Enhanced protection

Spring return mechanism means vacuum circuit breaker failsafe is open position



### Reduced interruptions

Can be configured to restore supply automatically within the regulatory window to circuits that have lost power

## Capability

- > 500 A Inline fuse - true 400 A operation, certified to 35kA
- > 100, 125, 160, 200, 250, 315, 400 A Protection Settings
- > Can close and open circuit at LV substation either locally or remotely
- > 9 kA switched breaking/interruption
- > Thyristor commutation built-in
- > Hermetically sealed VCB
- > Type tested to 50 kA (IPH Berlin)
- > Monitors current overloads, THD and phase imbalance
- > Automatic network meshing and reconfiguration using embedded LV switches
- > Configuration settings allow local automated re-closing; or reclose control can be via Network Management System (NMS)
- > Communicates via Scada for integration with existing network control architectures



## Gateway

### On-site secure communications

- > On-site Gateway – magnetic mount and wall bracket
- > Wireless connection to devices – no cable run across substation
- > Up to 15 devices/typically 5 feeder ways
- > GSM/3G communications to server infrastructure
- > 3 devices capture 3 phase data

**For more information on Weezap, please contact;**  
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