

# BIDOYNG

Single-shot auto-recloser



**Bidoyng** is a high-performance single-shot auto-recloser that rapidly restores supply after intermittent LV fault activity within the 3-minute regulatory outage period. Bidoyng's can dramatically reduce Customer Interruptions (CI) and Customer Minutes Lost (CML) figures whilst improving quality of supply to customers.

Instantly generating an alert when a fuse rupture occurs, Bidoyng captures data on the circuit that supports DNOs by calculating the distance to fault. It also collects load profiling information that can be used to support decision-making for asset replacement or network optimisation measures.



**kelvatek**  
camlin group

[www.kelvatek.com](http://www.kelvatek.com) || [support@kelvatek.com](mailto:support@kelvatek.com)

## Benefits



### Keeps customers on supply

Bidoynng rapidly restores power after intermittent fault activity, allowing DNOs to keep their customers on supply and reducing CI/CMLs.



### Effective fault management

Detailed fault information allows DNOs to find and repair intermittent faults faster, with more efficient use of personnel and resources.



### Extend cable asset life

Bidoynng can be integrated into existing network management systems, helping DNOs extend the life of their underground cable assets.



### Safer working for field staff

It is installed in an open-circuit condition and then closed, with a delay allowing the engineer to retreat to a safe distance.

## Capability

- Allows planned fuse replacements without interruption to customer supply
- Collects real time load profiling information
- Enables distance to fault calculations
- Rated Voltage: 90 to 500 V rms
- Rated load current: 400 A rms
- Reclose Delay Range: 30 seconds to 10 minutes
- Remote communication sends alarms and reports via email and SMS
- Tested to 50 kA PSCC; nominal load 400 A
- Managed via secure web browser interface



## Gateway

### On-site secure communications

Bidoynng can be used in isolation on a single circuit or in conjunction with Gateway for enhanced features:

- GSM/ GPRS for external communication and real time status of each unit
- Full web-based interface for detailed information
- Updates on critical feeders via SMS and / or email

For more information on Bidoynng, please contact; [support@kelvatek.com](mailto:support@kelvatek.com)



**kelvatek**  
camlin group

Head Office  
31 Ferguson Drive  
Knockmore Hill Industrial Park  
Lisburn BT28 2EX  
Northern Ireland

Nuneaton  
Unit 7  
St Davids Way  
Nuneaton CV10 7SD  
United Kingdom

+44 (0)28 9262 6989  
[support@kelvatek.com](mailto:support@kelvatek.com)  
[kelvatek.com](http://kelvatek.com)