Product Facts

KalGUARD® Pulse Splitter
Splits Signals from a Water Meter to Two Separate Outputs

Features & Benefits
- For use with Sentinel KalGUARD
- Supplies signals to both the KalGUARD Controller and Building Management System (BMS)
- Removes the need for a second water meter where a BMS link is required to monitor water usage
- Input provided by reed switch
- Isolated, identical reed relay outputs
- Suitable for any size of KalGUARD and any size of water meter
- Mounts on standard DIN rail

Introduction
The KalGUARD® Pulse Splitter is an optional accessory to the Sentinel KalGUARD system. It is designed to take an electrical feed from the KalGUARD water meter and split the signal into two separate, isolated outputs. One of the outputs is fed into the KalGUARD controller and the second to supply a separate Building Management System (BMS) in order to monitor water flow rate or water usage. It can be used with any size of KalGUARD anode and any version of its controller.

Installation*
- Refer to the KalGUARD Pulse Splitter User Instructions prior to installation
- Mount in an IP65 rated housing to prevent water and dust ingress
- Ensure the Pulse Splitter is fuse-protected
- Ensure the component is stable upon installation with minimum vibration
- Do not install adjacent to other electromagnetic equipment to avoid interference
- Ensure easy access

*IMPORTANT: The Pulse Splitter must only be installed by a qualified electrician

Technical Specifications
- Power supply: Min = 7V DC, Max = 30V DC, typical = 24V DC @ 25mA
- Frequency range 0 to 50 Hz
- Output for relays isolated 1A 200 V DC
- Connections: Rising clamp terminals with 3.5 x 2.5mm apertures
- Operating Temperature: Min = -20°C, Max = +85°C
- EMC: Tested to BS EN 61000-4-21:2011
- Dimensions: H (on rail) = 72mm, W = 18mm, D = 62mm
- Casing: Grey, flame retardant, resistant polyamide