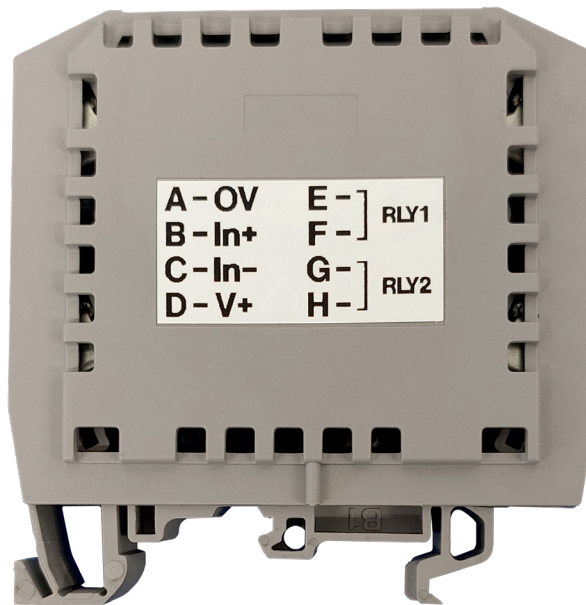


Sentinel KalGUARD® Pulse Splitter

Splits signals from a water meter to two separate outputs

The Sentinel 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.

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



The Sentinel System

Lifetime protection for heating, cooling and hot water systems using the best practice process of...



CLEAN



PROTECT



MAINTAIN

Installation

Sentinel KalGUARD® Pulse Splitter should be supplied and commissioned by Sentinel Performance Solutions Ltd. or an approved Sentinel trained engineer.

- Refer to the KalGUARD 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

Technical Specification

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

The use of Sentinel water treatment is endorsed by the industry's major international manufacturing companies*



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