

WDC Range Dual Zone Water Leak Module – Water Leak Detection Module



Key Features:

- Standalone water leak module, available as a DIN-railed mountable, with or without an enclosure.
- Used with S&S water leak pucks, 2 core cable or 4 core cable.
- PCB only version available
- LED status indication
- Integrated audible alarm option available upon request
- Relay output for BMS connectivity
- Up to 300m cable on each zone.

Product Overview:

The WDC-24 from S&S Middle East is a 24VDC DIN rail-mounted, two-zone water leak detection unit designed for integration into critical infrastructure and commercial environments. Compatible with a range of sensors including point and cable, the system supports up to 300m of sensor cable per zone (200m for cable sensors), inclusive of lead wire. WDC-24 ENC comes with a white enclosure, or the WDC-24 is available as a PCB circuit board module only.

The unit features adjustable sensitivity settings to prevent nuisance alarms and delivers a consistent excitation signal to maintain sensor performance—even in prolonged damp conditions. Each zone includes a relay output for triggering remote alarms or BMS integration with latching alarm to suit diverse application needs.

Technical Specifications

Power Supply Options:

Relay Type:

Relay Contact Ratings:

Sensor Inputs:

LED Indicators:

Relay Logic:

Alarm Hysteresis:

Electrical Connections

Environmental Conditions:

WDC-24

Single Pole Change Over

Normally Open (NO): 5A @ 250Vac (resistive load)

Normally Closed (NC): 3A @ 250Vac (resistive load)

Two input terminals for S&S 2 core, 4 core and pucks

One LED per channel: Illuminates when alarm is triggered

Relay energizes (COM to N/O) on alarm

Adjustable based on sensitivity settings

Rising cage terminals suitable for 0.5–2.5mm² cables

Operating Temperature: -10°C to +50°C

Relative Humidity: 0–90% RH, non-condensing

Models Available

WDC-24 ENC

24VDC two zone water leak module with enclosure

WDC-24

24VDC two zone water leak module PCB, no enclosure