

Signaline CB200W Water Detection Panel

The Signaline CB200W Water Detection Panel monitors up to 8 Signaline WDM-KM Control Modules each of which controls up to 1000m of Signaline WD Water Detection Cable. The Signaline WD Water Detection Cable is best suited to areas such as floors, floor voids, ducts and suspended ceilings. When the detection cable senses water the control panel will initiate an alarm. In addition the Signaline CB200W Water Detection Panel will monitor for open/short circuit faults within the detection cable, and also for control module failure.



Technical Features

Detection

Up to 8 zones
22uF capacitor EOL monitoring
680 ohm resistor activation for zones
Latching alarms on detection of water Zone 1 non latching alarm option set via on board panel configuration option switches

Alarm Sounder O/P

2 x fully monitored sounder (bell/alarm) circuits (1 and 2 zone panels)
4 x fully monitored sounder (bell/alarm) circuits (4 and 8 zone panels)

Auxiliary Outputs

1 x volt free no/nc alarm relay contacts
1 x volt free no/nc relay contacts

User Controls

Silence Buzzer/Alarms, Alarm Sounder Test System Reset* Zone Isolate*

*controls activated/deactivated by engineers access code

Indications

Leak zone Zone fault/isolated Engineers controls active System healthy Alarm fault Processor fault Battery fault Earth fault One man test Repeater fault

Power SupplyFault monitored 230Vac 50/60Hz with built in fault monitored backup battery charger

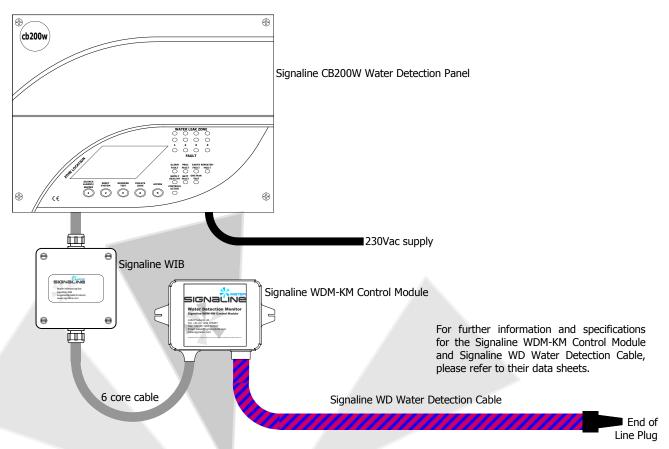
Panel Housing
Light grey textured polycarbonate 3 part enclosure with blue display inset 4mm cross point fixing bolts on covers Top gland plate with 20mm knockouts

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Signaline CB200W Water Detection Panel



Function	CB200W 1 & 2 zone	CB200W 4 Zone	CB200W 8 Zone
Mains Supply	230 Vac	230 Vac	230 Vac
Auxiliary 24Vdc output	250mA	250mA	250mA
Max. Batt. Charger Output	500mA @ 27.5V dc	500mA @ 27.5V dc	500mA @ 27.5V dc
Back up battery (sealed lead acid)	2 x 12 Vdc 2.1AH	2 x 12 Vdc 2.1AH	2 x 12 Vdc 2.1AH
Alarm Sounder Circuits (24Vdc)	2 x 250mA each	4 x 500mA each	4 x 500mA each
Common alarm output no/nc contact	1A, 30Vdc max	1A, 30Vdc max	1A, 30Vdc max
Common fault output no/nc contact	1A, 30Vdc max	1A, 30Vdc max	1A, 30Vdc max
Max. Field Equipment Load	800mA	800mA	800mA
Repeater Panel Option	Yes	Yes	Yes
Panel Dimensions mm (W x H x D)	313 x 245 x 66	313 x 245 x 66	313 x 245 x 66
Weight (excluding batteries)	2.3 Kg	2.3 Kg	2.4 Kg

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