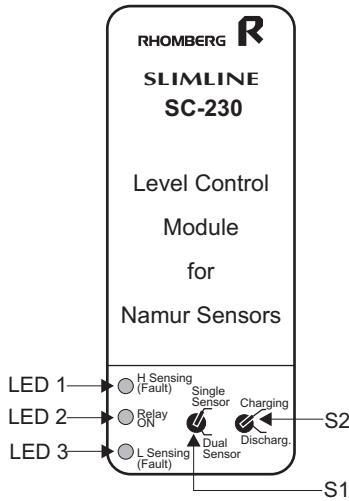




Description of Controls



S1: The **Sensor Configuration** is selected on S1. If set to "Single Sensor", the unit is configured for single level switching (single sensor connected between pins 6 and 7). If set to "Dual Sensor", the unit is configured for dual level switching (low level sensor connected between pins 6 and 7 and high level sensor connected between pins 5 and 6).

S2: The **Mode of Operation** is selected on S2. If set to "Charging", the unit provides failsafe filling of reservoirs. If set to "Discharging", the unit provides failsafe draining of reservoirs.

LED 1: The LED marked "**H Sensing (fault)**" illuminates when the High (H) level sensor is sensing. The LED flashes if either a sensor fault or a cable fault is detected (flash rate 1 Hz).

LED 2: The LED marked "**Relay ON**" illuminates when the relay is energised.

LED 3: The LED marked "**L Sensing (fault)**" illuminates when the Low (L) level sensor is sensing. The LED flashes if either a sensor fault or a cable fault is detected (flash rate 1Hz).

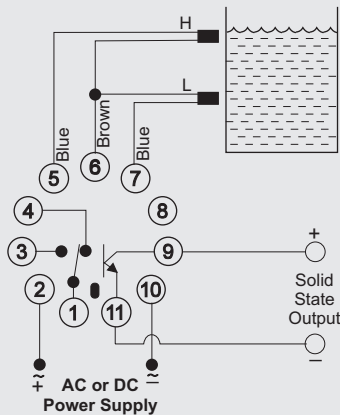
Note: Both LED1 and LED3 will illuminate together under single sensor mode.

Wiring and Connection

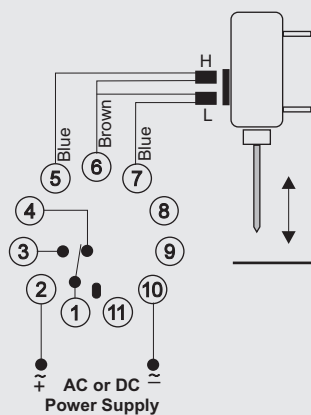
Power Supply	
Phase/Positive	2
Neutral/Negative	10

Relay contacts	
Normally open	1+3
Normally closed	1+4

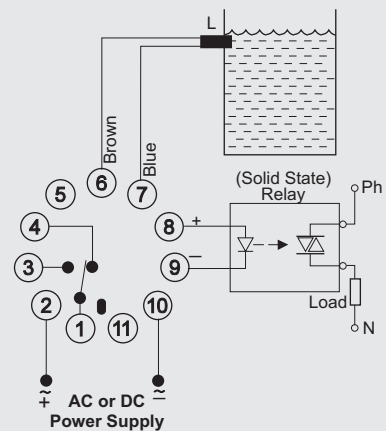
Level Sensors	
Common sensor (blue)	Pin 7
Low level sensor (brown)	Pin 6
High level sensor (blue)	Pin 5



APPLICATION 1



APPLICATION 2



APPLICATION 3

Note: For further information on sensors refer to our Detector sensor catalogue

Technical Specifications

POWER SUPPLY

AC: Supply voltage: 12, 24, 110, 230, 400, 415, 525V $\pm 15\%$
Isolation (sensor input to power supply): 2kV
Power consumption: 3VA (approx.)
6VA for 415, 525V (approx.)

DC: Supply voltage: 10-30V, 48, 60, 110V $\pm 15\%$
Isolation: no galvanic isolation
Power consumption: 100mA (10-30V)
30mA for higher ranges.

SENSOR INPUT

Type NAMUR (DIN 19234).
Maximum Sensing Speed: 25Hz (when using relay output).
Short Circuit Current: 20mA DC.
Open Circuit Current: 8,2V DC.

Additional information in Section J, page 131.