

Rain Detector RD512

Water resources management requires increasing sophistication applied to irrigation, dust suppression and water storage systems. Rain detection or rain activity is one of the parameters now used for efficient use of water. The APCS Rain Detector RD512 (also known as "Leaf Wetness Sensor" in weather station systems) provides a simple method of detecting rain. The RD512 detector plate changes its resistance value when wet. The detection of this resistance is used as an input to a variety of resistance input devices such as the APCS model CDT128, LLD207, CDT228 or the USC701. To detect short rain intervals an optional heater can be fitted, providing faster drying periods for the detector plate.



GENERAL SPECIFICATIONS

Size:	80W x 125H x 60D (mm)
Mounting:	Hole centres 108 x 50mm / 4mm dia.
Housing material:	Polycarbonate.
Connection:	Terminal blocks / 0.5 - 1.5mm ² .
Cable entry:	Cable gland UA12 (12mm).
Protection category:	IP65.
Weight:	0.22 kg.
Ambient operating Temperature range	-10...+65°C
Output:	Dry (no rain) >1M Ω Wet (light rain) <500k Ω Wet (heavy rain) <100k Ω
Optional Heater:	280mA resistive
Electromagnetic compatibility:	Complies with AS/NZS 4251.1 (EN 50081.1) ✓

TYPE NO. DESIGNATION

RD512 - 01 XX 00

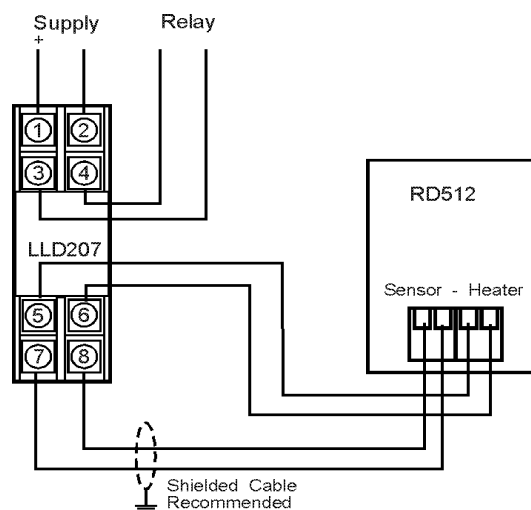
Output:

01 = Standard

Heater:

00 = Not used

- *) 01 = 24Vdc
- *) 02 = 12Vdc
- *) 03 = 5Vdc



*) Price Extra

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