



A70H-RS

Rain and Snow Sensor

The A70H-RS Rain and Snow sensor provides qualitative detection of rain or snow. It is designed to provide control of automated windows, wipers, and snow melting systems. The ring conductor senses rain or snow on the surface, and generates an output switch signal.



Item	Technical Specification
Supply Voltage	5V, 12-24VDC
Heating Power (optional)	10W
Output*	Relay (NO/NC), NPN/PNP
Load Capacity (relay)	AC120V/2A, DC24V/2A
Ingress Protection	IP67
Operating Temperature	-30°C - +70°C
Weight	150g
Dimension	90 * 60 * 40mm
Shell Material	ABS
Storage Condition	10°C - 60°C @20%-90%RH

Relay(NO): If no rain or snow the relay is open. If there is rain or snow the relay is closed.

Relay(NC): If no rain or snow the relay is closed. If there is rain or snow the relay is open.

NPN: If there is rain or snow the output level is low.

PNP: If there is rain or snow the output level is high.

Mounting Hole Dimensions:

Mounting Hole spacing (Width) 39mm

Mounting Hole spacing (Length) 77mm

Mounting hole diameter 3.5mm

Electrical Connections		
Cable	Relay	NPN/PNP
Red	V+	V+
Black	V-	V-
Green	R1	Signal+
Yellow/Brown	R2	Signal-

Mount the sensor at 15° with the cable exiting the upper end of the sensor.