

# R8182H1070/U

Attribute	Value
SKU Short Description	Combination Protectorelay® and Hydronic Heating Control. Junction box mount
Product Taxonomy Node	RMH Root.Controls.Aquastats
Linking Product Number	R8182
Bundle	No
For Use With	R845A Switching Relay Requires C554A Cadmium Sulfide Flame Detector (ordered separately) 24V, 2-wire Thermostat such as the T87F 125026AAJ 4074BRR Dial Stop Replacement
Includes	Auxiliary ZC and ZR terminals may be used to provide circulator zone control through an R845A Switching Relay Heat Conductive Compound Horizontal case
Product Features	Use in intermittent ignition applications. Capable of zone control with zone valves. Circulator zone control with ZC and ZR terminals on R8182D,E,H,J. 8 *Flame failure during the running cycle results in a 45 second attempt to restart. If unsuccessful, safety shutoff occurs, requiring manual reset before burner can be restarted.
Capillary Length	5 ft 1.5 m
Package Height UoM	in
Package Length UoM	in
Package Weight	5.6
Package Weight UoM	lb
Package Width UoM	in
Product Height	7.13 181
Product Height UoM	in mm
Product Length	5.25 133
Product Length UoM	in mm
Product Width	3.44 87
Product Width UoM	in mm
Element Insertion Length	3-3/8 in 86 mm
Insulation Depth	1-1/2 in 38 mm
Color	Aluminum
Mounting Type	Exposed Junction Box

Attribute	Value
Limit Stop	
Switch Action	SPST
Operating Pressure (Max)	200 psi on immersion well 100 psi direct immersion 1378 kPa on immersion well 90 kPa direct immersion
High Limit Set point Temperature (Max)	240 °F 116 °C Adjustable
High Limit Set point Temperature (Min)	130 °F 54 °C Adjustable
Low Limit Set point Temperature (Max)	220 °F 104 °C
Low Limit Set point Temperature (Min)	110 °F 43 °C
High Limit Differential Temperature	10 °F fixed
Low Limit Differential Temperature	10 °F to 25 °F adj
Power Supply	120 Vac
Power Supply Frequency	60 Hz
Electrical Ratings at Full Load	4.4A at 120 Vac
Electrical Ratings at Locked Rotor	26.4A at 120 Vac
End Switch Function and Capacity	SPST
Sensor Type	Remote Bulb
Approvals and Standards	Canadian Standards Association Certified: File No. LR95329-1 UL Listed: File No. listed: MP268, Vol. 37, Sec. 1.
SKU Title	R8182H1070 Combination Protectorelay® and Hydronic Heating Control
Brand	Resideo
Global ERP Status Code	01
UPC Number	085267078399
LOB	RTS
Hazardous Material Code	E08
Hazardous Material Description	UN1294, Dangerous Goods in Excepted Quantities, Class 3