



Automation Components, Inc.

PLATINUM RTDS

Wall Mount



Great airflow

Sleek, modern design

Customizable logo option

Class A Platinum RTD tolerance

H: 4.50" W: 2.75" D: 1.12"

Product shown: ACI's Standard Room Enclosure



CONFIGURATION	
Part #	Configuration
R2	Room
R2S	Room with Setpoint
R2O	Room with Override
R2SO	Room with Setpoint & Override
SP	Stainless Plate
BBS	Brass Button Sensor
SBS	Stainless Button Sensor
PBS	Plastic Button Sensor

SENSOR OUTPUTS	
Part #	Output
A/100	100 Ohms @ 32°F (0°C)
A/1K	1K Ohms @ 32°F (0°C)

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ACI offers a comprehensive list of room mounting configurations (see list above). The most prominent of the series is the R2 (Aries) wall mount enclosure which features a sleek and modern design. ACI still offers the original version (Infinity) for replacements and retrofits. The ACI Button Series is an unobtrusive option for unique applications.

The ACI RTD Series is covered by ACI's Five (5) year limited warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is www.workaci.com.



Made in the U.S.A.

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SPECIFICATIONS

Accuracy	Single Point: +/- 0.06% @ 32°F (0°C)
Stability	Less than +/- 0.1°C drift
Repeatability	+/-0.36°F (+/- 0.2°C)
Operating Temperature Range	32 to 122°F (0 to 50°C)
Operating Humidity Range	10 to 90% RH non-condensing
Temperature Coefficient	0.00385 Ohm/Ohm/°C
Standardization	DIN-IEC-751
Resistance Characteristics	Standard: +/- 0.06% Class A

ORDERING (Room Sensors)

BUILD YOUR PART#

EXAMPLE

A/1K-2W

R2

RJ6

A

B

C

D

E

F

STEP 1

A SENSOR SERIES

B CONFIGURATION

C COMMUNICATION

Select sensor series, configuration and communication (if needed).

A/1K-2W*

(R2) Room

(RJ4) 4 Pin/Conductor

A/1K-3W*

(R2S) Room w/ Setpoint

(RJ6) 6 Pin/Conductor

A/100-2W*

(R2O) Room w/ Override

(RS232) Stereo Jack

A/100-3W*

(R2SO) Room w/ Setpoint, Override

(----) None

The R2 & R enclosures have a UL94+HB flammability rating.

*Available in either 100 or 1K Ohms & either two wire (2W) or three wire (3W) outputs.

(R) *Room

(RS) *Room w/ Setpoint

(RO) *Room w/ Override

(RSO) *Room w/ Setpoint, Override

*Previous Enclosure Design



STEP 2

D POT VALUE*

E STICKER

F POT ACTION

If a (R2S) or (R2SO) was selected, choose a pot value, sticker and a pot action.

(400) (8.5)

Blue Red

(DA) Direct

(1K) (10K)

Cool Warm

(RA) Reverse

(2K) (20K)

55 85

(5K) (100K)

10 30C

*Offset resistors are available, please inquire.

ORDERING (Stainless Plate or Button Sensors)

BUILD YOUR PART#

EXAMPLE

A/1K-3W

SP

A

B

STEP 1

A SENSOR SERIES

B CONFIGURATION

Select sensor series and configuration.

A/1K-2W*

(SP) Stainless Plate

A/1K-3W*

(BBS) Brass Button Sensor

A/100-2W*

(SBS) Stainless Button Sensor

A/100-3W*

(PBS) Plastic Button Sensor

*Available in either 100 or 1K Ohms & either two wire (2W) or three wire (3W) outputs.

