

RSA – Remote Setpoint Adjuster (for Surface Mounting)



The RSA setpoint adjuster is designed for use with the TITAN range of temperature controllers or for applications with other manufactures controllers or BMS systems. The setpoint adjusters are available with resistance potentiometer or with 0-10V output. Standard ranges include: 0 - 50 / 5 - 35 / 30 - 90 / 0 - 100% and other ranges made to order. For more information on the RSA's available please contact the sales team.

Option for single gang flush plate mounting available or surface box.

Specification

Material Assembly:	Flame Retardant Polycarbonate Single Gang Electrical Plate
Output:	Resistance Potentiometer 0-10V @ 5mA max Requires 24V AC/DC supply
Power Consumption:	Resistance (none) 0-10V version 0.05VA max
Ranges:	See standard ranges Custom ranges to order
Mounting:	Surface Mount
Product Code:	See Table

Product Codes for standard Titan enclosure. For single gang plate option please consult sales team.

Type	Scale Range	Compatible Controllers	Output
RSA+/-	+/-	General Purpose use	1050-560 ohms
RSA5	+/- 5°C	ATC35, DTC35, ATC190C, ITC190C	1050-560 ohms
RSA10	+/- 10°C	ATC190, ITC190	1050-560 ohms
RSA35	5-35°C	ATC35, DTC35, TTC2	1050-560 ohms
RSA50	0-50°C	TPES50	1050-560 ohms
RSA390	30-90°C	ATC190, ITC190	1050-560 ohms
RSA490	40-90°C	TPES90	1050-560 ohms
RSA100%	0-100%	ATC10V	1050-560 ohms
RSA10V+/-	+/-	General Use	0-10V (requires 24V AC/DC Supply)
RSA10V100%	0-100%	0-10V signal for 0-100%	0-10V (requires 24V AC/DC Supply)
RSA10V/5	+/-5°C	0-10V signal for -5 to 5 °C	0-10V (requires 24V AC/DC Supply)
RSA10V/10	+/-10°C	0-10V signal for -10 to 10 °C	0-10V (requires 24V AC/DC Supply)
TPT/RSA50	0-50°C	TPES50 (complete with temperature sensor)	1050-560 ohms
TPT/RSA5	+/- 5°C	ATC35, DTC35, ATC190C, ITC190C (complete with temperature sensor)	1050-560 ohms
RSA10V/5/T	+/-5°C	0-10V signal for -5 to 5 °C (complete with temperature sensor)	0-10V (requires 24V AC/DC Supply)
RSA10V+/-/T	+/-	General Use (complete with temperature sensor)	0-10V (requires 24V AC/DC Supply)

* NOTE: The scales and values shown in the table are mainly for use with TITAN Products range of controllers. The potentiometer resistance ranges can be altered to suit customer requirements for example 1K to 11K resistance output. Also the 10V output can be made for 0-5V output and customer specific ranges on both resistance and voltage RSA's can be supplied.

RSA's for Titan BACnet enabled controllers are all 1-11k or 0-10V. Consult sales office for appropriate product codes.

Dimensions

