



	PRODUCT CATEGORY:
	READOUTS + DATA LOGGERS

Terminal Stations

Terminal Stations from RST provide a single, organized enclosure for selecting installed vibrating wire sensors and their thermistors so their readings can be easily taken using manual readouts. Vibrating wire sensors without thermistors can also be connected to the Terminal Station.

The user selects which sensor to read by simply turning the switch on the Terminal Station to the number/channel that is assigned to that sensor. RST's VW2106 Vibrating Wire Readout or TH2016B Thermistor Readout (see separate brochures) are connected to the Terminal Station to take readings of the selected sensor.

Connecting sensor cables into the Terminal Station is quick and simple. Conduit fittings on the outside of the enclosure allow passage of the cable to the inside, where connections are made to the desired terminal block. Each terminal block is labeled to correspond with the channel number on the switch for user clarity.

Terminal Station enclosures are Type 4X and meet IP65 criteria for demanding conditions. Single or duo feed options are available. Duo feed terminal stations allow for both manual readings to be taken, as well as direct connection to a data logger for automated readings. Contact RST for complete details.

> APPLICATIONS

Where a single, organized enclosure is required for selecting installed vibrating wire sensors and their thermistors for quick and easy manual readings - all with a simple turn of a switch.

> FEATURES

Simple, single switch operation to select desired sensor channel.

Includes ground lug for connection to a grounding rod for surge protection.

Rugged enclosure (Type 4X, IP65) minimizes the effects of harsh weather environments and minor impacts

Clearly labelled terminal blocks for easy reading when connecting the sensor's cable.

SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Accepted Sensor Type	Vibrating wire (with, or without thermistors)
Number of Channels	12 and 24 (see ordering info)
Switching Current	0.5 A typical
Contact Resistance	3 mΩ
Insulation Resistance	>10,000 MΩ
Switch Life	25,000 cycles minimum
Enclosure - Dimensions	12 channel (2 and 4 Pole): 308 x 261 x 156 mm (12 x 10 x 6 in.) 24 channel (2 and 4 Pole): 359 x 311 x 156 mm (14 x 12 x 6 in.) Please contact RST for Carlson enclosure dimensions.
Enclosure - Rating	Type 4X, IP65

ORDERING: OPTIONAL READOUTS

ITEM	PART #
Vibrating Wire Readout	VW2106
Thermistor Readout	TH2016B
Fly-lead with Banana Plugs: Readout to Terminal Station	VW2106-TS

ORDERING

ITEM	PART #
Terminal Station 12 Channel Switch 2 Pole	ELTS4012
Terminal Station 12 Channel 4 Pole	ELTS4112
Terminal Station 12 Channel 4 Pole, Duo Feed	ELTS4112-D
Terminal Station 24 Channel 2 Pole	ELTS4024
Terminal Station 24 Channel 4 Pole	ELTS4124
Terminal Station 24 Channel 4 Pole, Duo Feed	ELTS4124-D
FOR CARLSON INSTRUMENTS	
12 Channel Carlson Terminal Station	ELTSC12
24 Channel Carlson Terminal Station	ELTSC24