



12 Channel
Terminal Station



24 Channel Terminal Station

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 |

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|--|--------------------------|
| | PRODUCT CATEGORY: |
| | READOUTS + DATA LOGGERS |

Terminal Stations

Terminal Stations provide a single, organized enclosure for manual readings of installed vibrating wire sensors and their thermistors using manual readouts. Vibrating wire sensors without thermistors can also be connected to the Terminal Station using the 2 pole models.

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 (see separate brochure) is connected to the Terminal Station via a fly lead 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 NEMA 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 (NEMA 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.) |
| Enclosure - Rating | NEMA 4X, IP65 |

ORDERING: OPTIONAL READOUTS

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