

Model 4999 Terminal Box

The Model 4999 Terminal Box allows instrument leads to be grouped in one convenient location thereby saving time when readings have to be made on a number of instruments. Housed in a fiberglass enclosure, the Terminal Box provides a quick and easy means of taking sensor readings via (2) 4-deck switches. The Terminal Box can handle up to sixteen 4-conductor sensors (e.g. 16 vibrating wire gages with their thermistors) or thirty-two 2-conductor sensors (e.g. 32 vibrating wire gages).



Cable entries on the side of the box have watertight Hubbell cable glands fixed in place with strain reliefs. A water-resistant rubber gasket seals the hinged lid. The Terminal Box can also be protected from lightning damage by the addition of plasma surge arrestors soldered in place on the terminal board and a suitable earth ground connection.

Specifications

Switching Current	0.25 A typical, 4 A maximum
Contact Resistance	50 mΩ (maximum)
Insulation Resistance	> 10,000 mΩ
Switch Life	> 25,000 cycles
Enclosure	Nema 4 fiberglass
Temperature Range	-20°C to +80°C
L x W x H ¹	318 x 277 x 159 mm

¹Does not include mounting feet. Other sizes and configurations available (please contact Geokon for details).