

Dual action tension sensor 8kg -DATS2

The patented Nemtek Dual Action Tension Sensor – DATS2 can detect a change of tension in the fence wire. It uses the electric-fence monitoring circuit to create an alarm condition on the energizer. The dual action increases the likelihood of an intruder being detected and reduces the possibility of tampering. The DATS2 can accommodate galvanised steel, stainless steel, and aluminium wires with a diameter range from 1.0mm – 1.6mm. Detection range (straight line) Up to 50m.

There are two models available to cater for different wire types; the TS-DATS2/XL is used with the galvanised and aluminium fence wires and the TS-DATS2/SS for the stainless steel wires.



Features

- The DATS2 is paired up with the Heavy-Duty Compression Spring Hybrid (ES-CNT2HB). This is so that the tension in the fence wires can be adequately maintained
- DATS2 will detect a change in tension on a fence line
- DATS2 can detect an open circuit at its first-stage trigger
- It can detect a dead short at its second-stage trigger
- Constructed from robust material to suit all wire types up to 1.6mm
- Easy to install and retrofit onto most existing Nemtek electric fences

Specifications:

Dimensions (maximum) L130mm x W60mm (including screws) x 35mm

IP rating IP54

Body UV-stabilised glass-filled nylon

Spring Stainless steel 304

Metal components; Galvanised steel (TS-DATS2/XL), stainless steel (TS-DATS2/SS)

Weight ~80g

Operating detection range ~120N – ~450N

Operating tension range ~10N – ~110N

Operating environment -20°C – 80°C @ 100% RH (condensing)

Operating voltage (pulse duration <10msec) ~750V – 12 000V

<https://www.nemtek.co.za/HomeSecurity/tension-sensor-systems/dual-action-tension.aspx>

Stock Code	Name	Description
TS-DATS2/SS	Dual action tension sensor 8kg -DATS2	Dual Action Tension Sensor 8kg Set SS/304
TS-DATS2/XL	Dual action tension sensor 8kg -DATS2	Dual Action TensionSensor 8kg Set/XLGalv