

Dual Action Tension Sensor 15kg -DATS3

The patented Nemtek Dual Action Tension Sensor DATS3 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 TS-DATS3/XL can accommodate galvanised steel and aluminium wires and the TS-DATS3/SS is used with stainless steel wires. The wire diameter range from 1.6mm ~ 2.5mm. Detection range (straight line) up to 50m.

Features

- The DATS3 is paired up with the Heavy-Duty Compression Spring Hybrid ES-CNT3HB or the ES-CNT4HB. This is so that the tension in the fence wires can be adequately maintained
- DATS3 will detect a change in tension on a fence line
- DATS3 can detect an open circuit at its first-stage trigger
- It can detect a dead short at its second-stage trigger
- All wire types up to 2.5mm
- Easy to install and retrofit onto most existing Nemtek electric fences



Specifications:

Dimensions (maximum) L170mm x W60mm (including screws) x 46mm

IP rating IP54

Body UV-stabilised glass-filled nylon

Spring Stainless steel 304

Metal components Galvanised steel (TS-DATS3/XL), stainless steel (TS-DATS3/SS)

Weight ~185g

Operating detection range ~220N – ~650N

Operating tension range ~20N – ~200N

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-2.aspx>

Stock Code	Name	Description
TS-DATS3/SS	Dual Action Tension Sensor 15kg -DATS3	Dual Action Tension Sensor 15kg SS/304
TS-DATS3/XL	Dual Action Tension Sensor 15kg -DATS3	Dual Action Tension Sensor 15kg/XL Galv