

DATA SHEET

NEMTEK DUAL ACTION TENSION SENSOR DATS2 8kg

NEMTEK
Electric Fencing Products



The Nemtek Dual Action Tension Sensor – DATS2 (TS-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.



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
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
Fence wire diameter	1.0mm – 1.6mm
Fence wire types	Steel, stainless steel, aluminium
Detection range (straight line)	Up to 50m