

D-TEC II

SAFETY SYSTEM

The D-TEC II Safety System provides AC field detection, object proximity detection, tilt sensor detection and above the mast illumination.



D-TEC II is equipped with the Emergency Bypass System, providing a safe means of bypassing the D-TEC II in the rare event a malfunction or false trip occurs preventing mast extension. The built-in anti-collision system automatically stops mast extension, providing added protection from overhead hazards for the operator and equipment.

/SYSTEM SAFETY FEATURES/

- Dual threshold AC alert, E-Field (current) and H-Field (magnetic)
- Senses both AC current and AC voltage
- Enhanced collision detection
- Audible alerts
- Alphanumeric LED display
- Built-in Emergency Bypass
- Expanded self-testing features

/SPECIFICATIONS/

AC DETECTION RANGE

AC voltage detection range starting at 110VAC/60Hz

LOOK-UP LIGHT

Dual super bright white LED bulbs

ANTI-COLLISION SENSOR

10 ft. proximity

TILT WARNING SENSOR

Senses tilt of 10° or more from vertical

POWER REQUIREMENTS

11 to 33 VDC, 5 Amp

INTERCONNECTING CABLE

Two twisted pair shielded (from sensor to control unit)

ENVIRONMENTAL CONDITIONS

Sensor IP67, Control IP65

/SYSTEM COMPONENTS/

Sensor housed in a 3.5x4.5x8.5" case

Designed for remote mount on top of telescoping mast

Control unit, alarm indicator, vehicular interface and controls

Display housed in a 3.5x4.5x8.5" case or single height rack

mount for mounting inside the vehicle

/BUILT-IN EMERGENCY BYPASS SAFETY FEATURES/

Two operators required for system activation

Multiple activation switches

Factory pre-set siren and verbal warning in English and Spanish



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