

Cattron™

LASER COLLISION AVOIDANCE SYSTEM LCAS



HIGHLIGHTS

Your overhead equipment is too valuable to take Chances

LCAS will protect cranes and hoists from contact with other equipment or end walls. Using Retroreflective Class-1 laser technology, the LCAS's simple push-button setup permits you to program your system to activate the Alarm output and Stop functions at exactly the distance you require. With a range of 50 meters (164 feet), the LCAS can discriminate distance changes to a resolution of 3mm (0.12 inches)

LCAS protects stationary equipment too. Its warning alarm output will be activated if the unit detects a target moving within its set warning distance. That gives your operators time to take corrective action before a costly collision occurs.

FEATURES

- Retroreflective Class-1 laser
- Range: 0.3 m to 50 m (1 foot to 164 feet)
- Field selectable alarm output and stop settings
- Internal bypass switch to override stop function
- LED status lights
- Solid state control outputs with optical isolation to 4000 volts
- Standard NEMA 4X (IP66) enclosure
- Suitable for dry indoor use only
- Continuous circuit fault monitoring
- Optional internal heater for low temperature applications
- No radio license required
- Input voltage: 100 - 240 VAC
- Input/output control power:
 - 90-140 VAC @ 3 amps MAX
- Power consumption: 3 watts
- Dimensions (H x W x L): 286 x 235 x 178 mm (11.25x 9.25 x 7 inches)

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9A06-C-LCAS-A001-EN