COMMERCIAL AND INDUSTRIAL PHOTO-EYES

Safest Installations. Smartest Innovations

CPS-UN4 Industrial Photo-Sensors

- UL325-2010 Compliant when used with LiftMaster® commercial door operators
- Industrial code technology
- Rugged watertight design – NEMA 4
- Heavy-gauge steel brackets – floor or track mounting fitting
- Quick installation and pre-molded for 1/2" trade-size conduit
- Bright yellow safety color
- Range up to 45 Ft. – indoor/outdoor use
- Additional CPS sensors may be added for increased safety

Regulatory Compliant with LiftMaster® Industrial Code Technology. All commercial door operators bearing the UL label must have the capability to monitor safety devices such as photo-sensors and sensing edges in order to provide any feature or wiring type other than basic C2 constant-pressure-to-close wiring. LiftMaster® thru-beam photo-sensors provide primary monitored entrapment protection when connected directly to all Logic 4.0 and Medium-Duty Logic commercial door operators. CPS photo-sensors are designed to work solely with LiftMaster® commercial door operators to provide enhanced commercial door safety.

CPS-U Commercial Photo-Sensors

- UL325-2010 Compliant when used with LiftMaster® commercial door operators
- Industrial code technology
- Durable steel brackets – floor or track mounting
- Bright yellow safety color
- Range up to 30 ft. – indoor use only
- Available in rugged, watertight design (NEMA 4)
- Additional CPS sensors may be added for increased safety

LiftMaster®

ELITE SERIES™
LOGIC 4.0

CPS
COMMERCIAL DOOR OPERATOR

Systems For All Applications

Primary Monitored Entrapment Protection

The presence of primary entrapment protection is required for all modes and features beyond basic C2 constant-pressure-to-close performance. LiftMaster® Monitored Entrapment Protection devices, CPS-U, CPS-UN4 and CPS-EI, are designed to work in conjunction with LiftMaster® commercial door operators to provide enhanced door safety and a broad range of modes and features to end users. Monitored photo-sensors or monitored 4-wire sensing edge protection may be selected and must be recognized by the LiftMaster® Logic 4.0 or Medium-Duty Logic circuit board in order to unlock full operator functionality.

Direct Connect to Logic 4.0 and Medium-Duty Logic Operators

Commercial and Industrial Photo-Eyes:

- Direct connect to all Logic 4.0 and Medium-Duty Logic commercial door operators.
- Continuous self-monitoring system satisfies regulatory requirements and permits the use of features and wiring types other than C2, constant-pressure-to-close.
- Additional CPS-U and CPS-UN4 may be added to Logic 4.0 operators, using the CPS3CARD, for increased safety
- Easy alignment! LEDs on each photo-sensor glow steadily when properly connected and aligned; the LEDs will flicker rapidly to indicate an obstruction or misalignment

Industrial CPS-UN4

Commercial CPS-U

CPS-EI Interface for Monitored 4-Wire Edge

Interface for Monitored 4-Wire Sensing Edge (edge supplied by others):

- Permits direct connection of a compatible 4-Wire monitored sensing edge
- Direct Connect to all Logic 4.0 and z Logic commercial door operators.
- Continuous self-monitoring system satisfies regulatory requirements and permits the use of features and wiring types other than C2, constant-pressure-to-close.

Commercial CPS-EI

Ancillary Entrapment Protection

Ancillary entrapment protection is optional and may be used to supplement primary entrapment protection devices. LiftMaster® Retro-Reflective Commercial Protector System photo-sensors are considered ancillary entrapment protection and may be used to supplement CPS-EI primary entrapment protection.

Retro-Reflective System

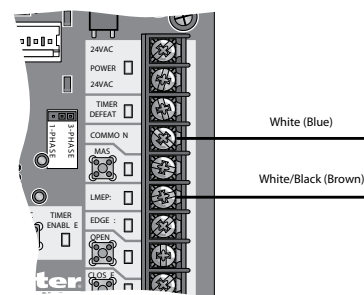### Retro-Reflective Commercial Protector System®

- Utilizes a sending/receiving retro-reflective photo-eye and a specially designed polarized reflector that increases obstruction detection reliability
- Polarized photo-eye design for a safer retro-reflective photo-eye system
- Designed as a normal open circuit, but not a self-monitoring system (does not incorporate industrial code technology)
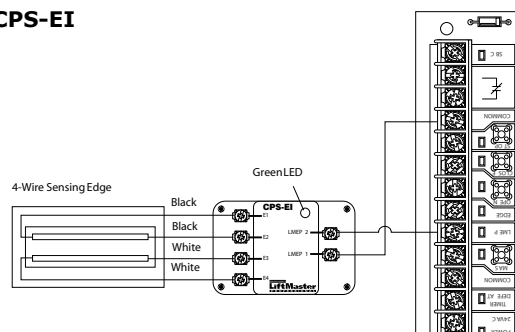- Range up to 30 ft. – Indoor use

Industrial CPS-RN4

CPS-U, CPS-UN4 and CPS-EI Wiring Connections

(Logic 4 board shown)

CPS-U/CPS-UN4

CPS-EI

For more information on any of our products contact customer service: 1-800-323-2276 www.liftmaster.com

LiftMaster®

Commercial Door Operators

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