

SLLP14-1470

▶ LS SERIES FULL FEATURE HEAVY-DUTY TYPE 4 SAFETY LIGHT CURTAINS



EZ-SCREEN LS, Pair
Resolution: 14 mm; Range: 12 m (40 ft)
Defined Area: 1470 mm (57.9 in.); Housing: Yellow
Connection: Removable Disconnect (RD)
Part Number: 89821

CERTIFICATIONS



SPECIFICATIONS


| | |
|--------------------------|------------------------|
| Primary Housing Material | Aluminum |
| Safety Level | Type 4 |
| Effective Aperture Angle | Type 4 Per IEC 61496-2 |
| Connector Type | Removable Disconnect |
| Defined Area Height (mm) | 1470 |

| | |
|-----------------------------------|---------------------------|
| Dimensions WxD (mm) | 36 x 45 |
| Overall Length (mm) | 1472 |
| External Monitoring Device | 1 Channel |
| Fixed Blanking | No |
| Housing Finish | Yellow Polyester |
| IP Rating | IP65; IP67 |
| Operating Distance (m) | 0.1 - 12 |
| Operating Voltage | 24 V dc +/- 15% |
| Operating Temperature | -20 to +55 deg. C; RH 95% |
| PL Rating | PLe |
| Recovery Time | 175 / 595 |
| Reduced Resolution | No |
| Resolution (mm) | 14 |
| Response Time | 40.4 |
| SIL Rating | SIL3; CL3 |
| Electrical Safety Class | III |
| Scan Code | Selectable |
| Shock | 10g at 16ms (6000 cycles) |
| Short Protection | Yes |
| System Type | Emitter/Receiver Pair |
| Vibration | 10-55 Hz at 0.35 mm |
| Auxiliary Output | No |
| | |

| | |
|------------------------------------|-------------------------|
| Fault Output | Yes |
| Housing Material | Aluminum; Zinc; Acrylic |
| OSSD Rating | 24 V dc at 0.5 A each |
| Supply Current | 133 mA Typical |
| Trip/Latch Output | Trip |
| Test Input | No |
| Feature: End-to-End Sensing | Yes |
| Feature: ESD Safe | No |
| Feature: Integral Muting | No |

RECOMMENDED PRODUCTS

DOUBLE ENDED CORDSETS

| | |
|--|------------------|
|  | DELSE-81D |
| EZ-SCREEN LS Custom RD Double-Ended Cordset; Euro-Style M12 Quick Disconnect to LS Custom RD Connector; 8-Pin Male Straight Connector 0.3 m (1 ft) in Length; Nickle Plated Brass Coupling Nut | |
|  | DELSE-51D |
| EZ-SCREEN LS Custom RD Double-Ended Cordset; Euro-Style M12 Quick Disconnect to LS Custom RD Connector; 5-Pin Male Straight Connector 0.3 m (1 ft) in Length; Nickle Plated Brass Coupling Nut | |

SINGLE ENDED CORDSETS

| | |
|--|------------------|
|  | RDLS-815D |
| RDLS- | |

815D EZ-SCREEN LS Custom RD with Flying Leads Cordset; 8-Pin Flying Leads to LS Custom RD Connector; 5m (15 ft) in Length



RDLS-825D

RDLS-825D EZ-SCREEN LS Custom RD with Flying Leads Cordset; 8-Pin Flying Leads to LS Custom RD Connector; 8 m (26 ft) in Length



RDLS-850D

RDLS-850D EZ-SCREEN LS Custom RD with Flying Leads Cordset; 8-Pin Flying Leads to LS Custom RD Connector; 15 m (50 ft) in Length

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES



EZLSA-MBK-11

EZ-SCREEN LS Accessory Bracket: End Mount; Includes Two Brackets and Hardware; Rotation: 360 Degrees in 23 Degree Increments; 8 ga. Steel, Black Zinc Plated



EZLSA-MBK-12

EZ-SCREEN LS Accessory Bracket: Center Mount; Includes One Bracket and Hardware; Rotation: +15 Degrees and - 15 Degrees; 8 ga. Steel, Black Zinc Plated and Die-Cast Zinc Clamp

ENCLOSURES - SAFETY LIGHT



EZLSA-TE-1470

Accessory: Tubular Enclosure for EZ Screen LS; Length 1470 mm

SGS AND LS MUTING ARM KITS



SGSA-ML-L-LPQ20

Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: L Configuration Left Side; Includes: One Sensor Arm with Two Q20PLPQ5 Sensors Installed; One Reflector Arm with Two Reflectors Installed, and Mounting Hardware



SGSA-ML-R-LPQ20

Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: L Configuration Right Side; Includes: One Sensor Arm with Two Q20PLPQ5 Sensors Installed; One Reflector Arm with Two Reflectors Installed, and Mounting Hardware



SGSA-MT-LPQ20

Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: T Configuration; Includes: Two Sensor Arms with Two Q20PLPQ5 sensors installed on each arm; Two Reflector Arms with Two Reflectors Installed on Each Arm, and Mounting Hardware



SGSA-MX-LPQ20

Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: X Configuration; Includes: Two Sensor Arms with One Q20PLPQ5 Sensor Installed on Each Arm; Two Reflector Arms with One Reflectors Installed on Each Arm, and Mounting Hardware



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America