

Create a Muting Solution for the EZ-SCREEN LS

Follow these steps to create a turn-key muting solution for your EZ-SCREEN LS Safety Light Curtain with a 300 mm (1 ft) PVC cable with a 8-pin M12/Euro-style male quick disconnect.

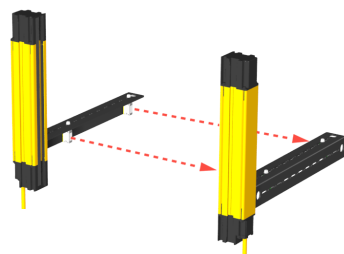


Figure 1. L Configuration (Right Side)

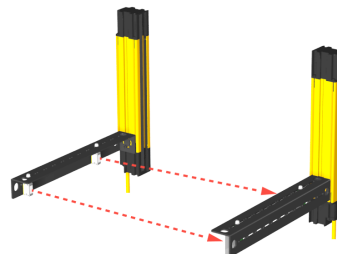


Figure 2. L Configuration (Left Side)

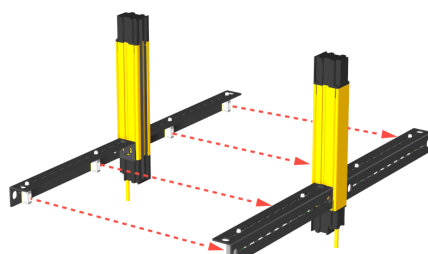


Figure 3. T Configuration

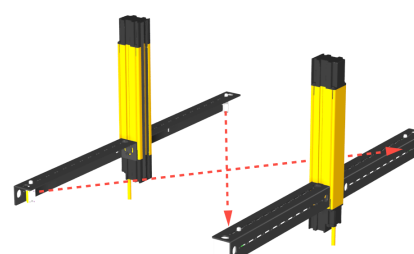


Figure 4. X Configuration

- Select and order a SGS Muting Arm Kit.
 - L-Configuration (Right Side): **SGSA-ML-R-LPQ20**
 - L-Configuration (Left Side): **SGSA-ML-L-LPQ20**
 - T-Configuration: **SGSA-MT-LPQ20**
 - X-Configuration: **SGSA-MX-LPQ20**
- Order the EZ-SCREEN LS Hardware Adaptor Kit **EZLSA-MCB-HW**.
- Order the connection cables.

	Description
a	LS muting connection cable: CSM4-M1281M1251M1281
b	SGS mute arm kit connection cable (select one) b1.T-Muting: CSA4-M1251M1251M1251M1251 b2. L-Muting or X-Muting: CSA-M1241M1241
c	LS emitter connection cable: DEE2R-8 XXD where XX is the length in feet
d	Safety controller connection cable: QDEG-12XXE where XX is the length in feet

- Order a mute light and cable.

	Description
e1	Select a mute light from table below
e2	Mute light cable: DEE2R-5XX where XX is the length in feet

- Order a Banner SC/XS Safety Controller.

Non-Expandable Models	Expandable Models	Description
SC26-2	XS26-2	26 convertible I/O and 2 Redundant Solid State Safety Outputs
SC26-2d	XS26-2d	26 convertible I/O and 2 Redundant Solid State Safety Outputs with Display
SC26-2e	XS26-2e	26 convertible I/O and 2 Redundant Solid State Safety Outputs with Ethernet
SC26-2de	XS26-2de	26 convertible I/O and 2 Redundant Solid State Safety Outputs with Display and Ethernet
SC10-2roe		10 Inputs, 2 redundant relay safety outputs (3 contacts each) (ISD compatible)



System Diagram

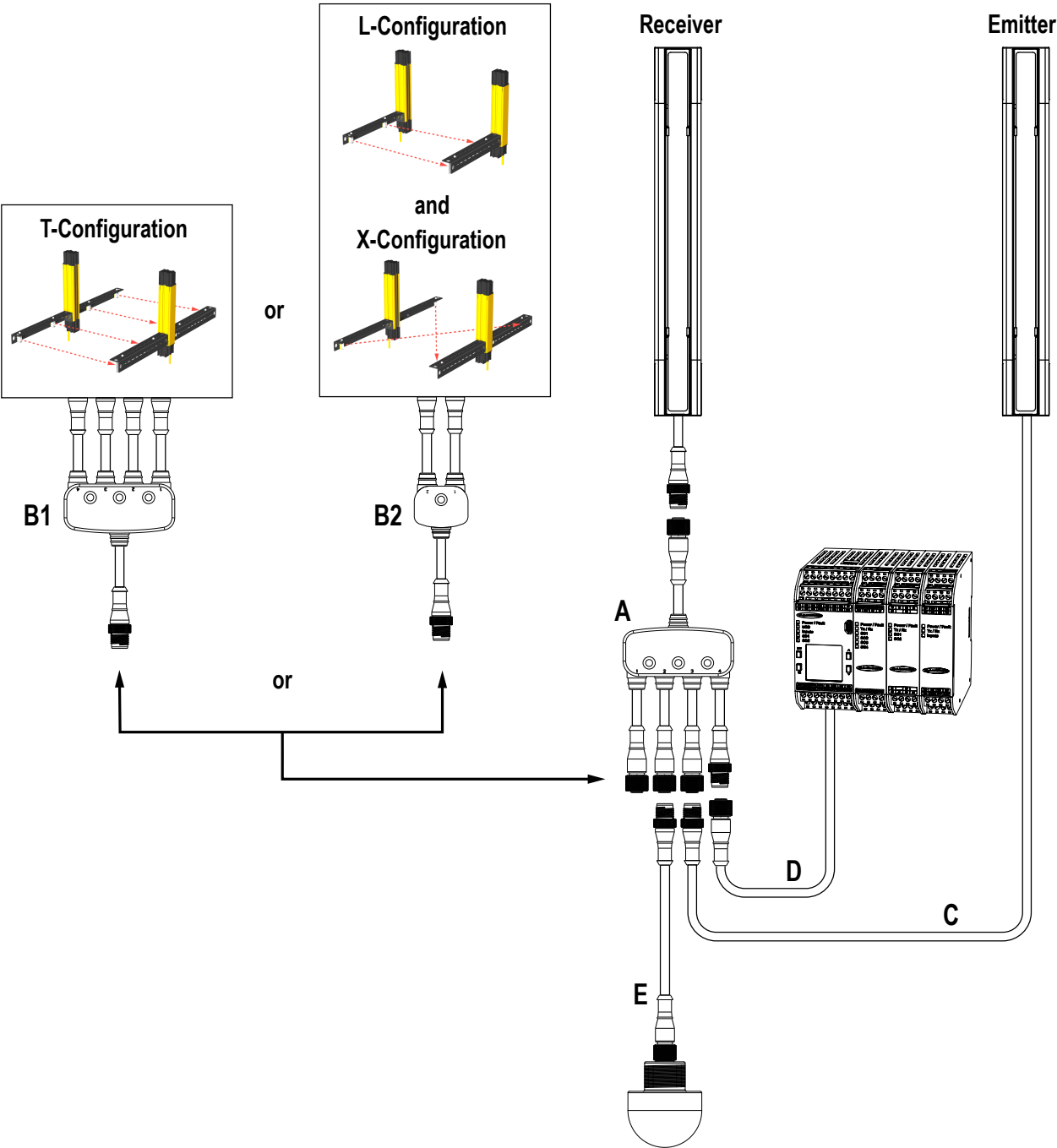






Figure 5. EZ-SCREEN LS muting system diagram

EZ-LIGHT® Mute Lights

Models		Construction	Connection/ Recommended Cordset	LED Function
	TL50WQ TL50YQ	<ul style="list-style-type: none">Bases and Covers: ABSLight Seg.: Polycarbonate30 mm base mountIP67Indicates Mute Status	DEE2R-5XXXD (where XXX is the length in feet)	White
				Yellow
	K50LWXXPQ K50LYXXPQ	<ul style="list-style-type: none">Polycarbonate housing, 50 mm thermoplastic dome, 30 mm base mountFully encapsulated, IP67Indicates Mute Status		White
				Yellow
	K50FLWXXPQPMA K50FLYXXPQPMA	<ul style="list-style-type: none">Polycarbonate base, translucent polycarbonate dome, flat mount.Fully encapsulated, IP67, IP69KIndicates Mute Status		White
				Yellow
	K80LWXXPQPMA K80LYXXPQPMA	<ul style="list-style-type: none">Polycarbonate housing, 50 mm thermoplastic dome, flat or DIN mountFully encapsulated, IP67Indicates Mute Status		White
				Yellow

See Cordset Accessories for cordset information.

Wiring Diagrams

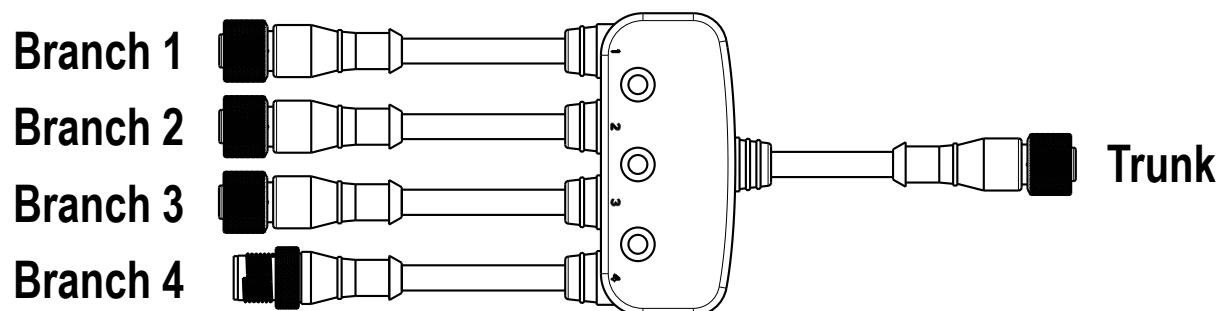


Figure 6. Splitter cordset branches and trunk

Splitter Cordset CSM4-M1281M1251M1281	Description
Trunk	LS 8-Pin Receiver
Branch 1	SGS mute arm kit connection cable
Branch 2	Mute light cable
Branch 3	LS 8-Pin Emitter connection cable
Branch 4	To XS and Electrical Cabinet via 12-Pin Cable

Pin	Branch 1: 5-pin M12/Euro-style Female (M1)	Branch 2: Mute Light with 5-Pin M12/Euro-style Female (M2)	Branch 4: 12-Pin Euro-style Male
1	+ 24 V DC	+ 24 V DC	OSSD 2
2	Mute 2	-	+ 24 V DC
3	0 V DC	0 V DC	Ground

Pin	Branch 1: 5-pin M12/Euro-style Female (M1)	Branch 2: Mute Light with 5-Pin M12/Euro-style Female (M2)	Branch 4: 12-Pin Euro-style Male
4	Mute 1	Mute light	Mute 2
5	Ground	Ground	No connection
6			No connection
7			0 V DC
8			Mute light
9			EDM
10			Mute 1
11			OSSD 1
12			Scan code select

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