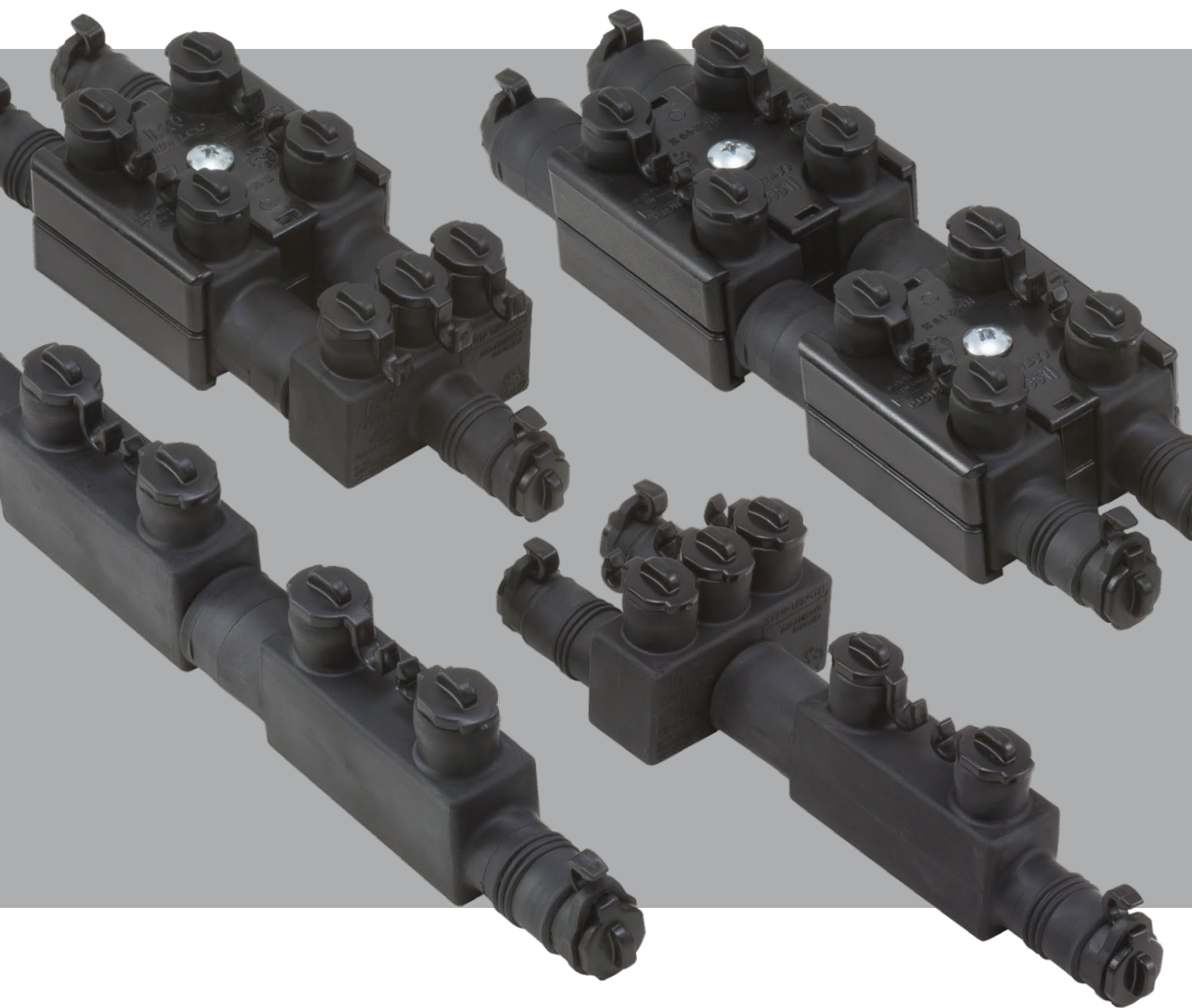


STREETWISE™

STREET LIGHT CONNECTORS



ILSCO
connections
matter

STREETWISE™



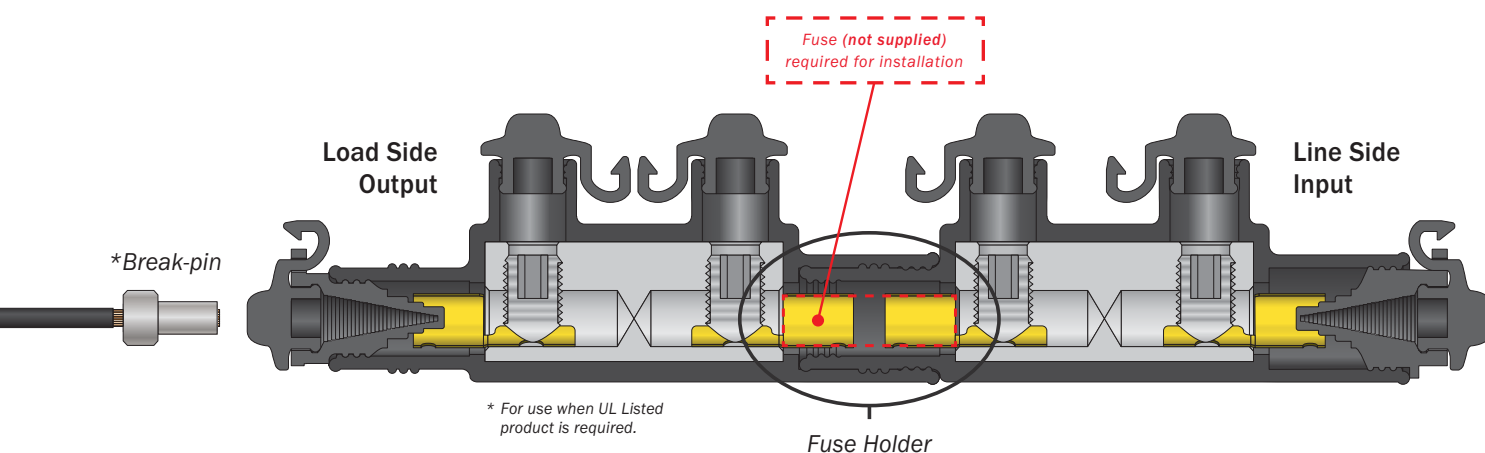
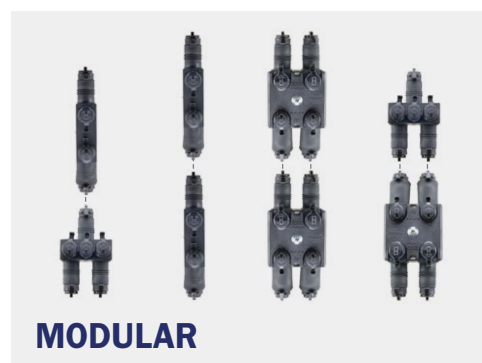
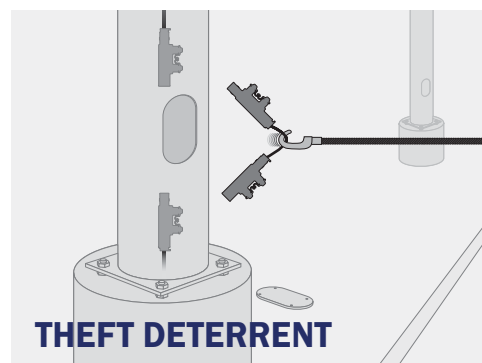
ILSCO's StreetWise Streetlight Connectors are designed for applications where a breakaway connection with a touch safe separation joint is required. The breakaway connection can also be utilized to deter theft by not allowing thieves to remove cable from utility poles, resulting in costly repairs and replacement. With its modular design, StreetWise allows multiple configurations with fewer connectors; reducing inventory and saving money.

Features

- Environmentally sealed
- Watertight encapsulated high dielectric strength polymer
- Manufactured from high strength aluminum alloy
- Precision engineered separation joint
- Fuse capable
- Able to selectively fuse two loads with a single line
- Compact design
- Interchangeable wire & screw port plugs
- Cap retention hook
- Available in four circuit configurations
- Inverted wire way seals with pre-marked trim locations
- Rated for 600 volts
- Meets or exceeds ANSI C119.1 and C119.4 Class A Specifications
- Meets or exceeds UL486D, File No. E479772, special purpose connector
- DE-OX® oxide inhibiting compound optional

Benefits

- Resists corrosion from moisture
- Does not require additional boot to achieve watertight connection
- Suitable for use with copper or aluminum conductors
- Safe breakaway on impact, theft deterrent
- Overcurrent protection
- A single connector is required which reduces cost
- Easily accessible in small hand holes
- Seals any entry port of the connector
- Tethered for re-insertion if required
- Application versatility
- Easily accommodates wire range 1/0-14 AWG
- For use in low voltage applications
- Suitable for direct burial
- Suitable for direct burial and breakaway applications
- Prevents oxides from forming



More than a connector company,
ILSCO is a connections company.
CONNECTIONS MATTER.

4730 Madison Road
Cincinnati, Ohio 45227
800.776.9775
sales@ilsco.com
www.ilsco.com

Follow us on:

TYPE PEDSS

Features

- Environmentally sealed design
- Encapsulated with high dielectric strength polymer
- Manufactured from high strength aluminum alloy
- Compact design
- Interchangeable wire and screw port plugs
- Cap retention hook
- Available in three circuit configurations
- Wire way seals with pre-marked trim locations
- DE-OX® oxide inhibiting compound optional
- Rated for 600 volts
- Meets or exceeds UL 486D

Benefits

- Resists corrosion from moisture
- Touch safe, no taping required
- Suitable for use with copper or aluminum conductors
- Easily accessible in small hand holes
- Seals any entry port of the connector
- Tethered for re-insertion if required
- Application versatility
- Accommodates wire range 1/0-14
- Prevents oxides from forming
- For use in low voltage applications
- Watertight, suitable for direct burial

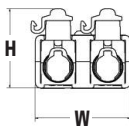
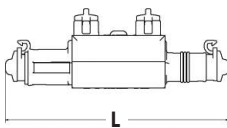


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Wire Range	Number of Ports		Dimensions - in. (mm)					
			Inputs	Outputs	W		H		L	
PED11-1/0SS-Z	1	1/0-14	1	1	0.930	(23.6)	1.925	(48.9)	5.630	(143.0)
PED21-1/0SS-Z	2	1/0-14	2	1	2.190	(55.6)	1.925	(48.9)	4.000	(101.6)
PED22-1/0SS-Z	3	1/0-14	2	2	2.395	(60.8)	2.000	(50.8)	5.630	(143.0)

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Tested to UL File 486D

For DE-OX®, add "P" following the SS (e.g. PED11-1/0SSP-Z)

TYPE STLSS

Features

- Environmentally sealed design
- Encapsulated with high dielectric strength polymer
- Manufactured from high strength aluminum alloy
- Precision engineered separation joint
- Fuse capable
- Compact design
- Interchangeable wire and screw port plugs
- Cap retention hook
- Available in four circuit configurations
- Wire way seals with pre-marked trim locations
- DE-OX® oxide inhibiting compound optional
- Rated for 600 volts
- Meets or exceeds UL 486D

Benefits

- Resists corrosion from moisture
- Touch safe, no taping required
- Suitable for use with copper or aluminum conductors
- Safe breakaway on impact, theft deterrent
- Overcurrent protection
- Easily accessible in small hand holes
- Seals any entry port of the connector
- Tethered for re-insertion if required
- Application versatility
- Accommodates wire range 1/0-14
- Prevents oxides from forming
- For use in low voltage applications
- Watertight, suitable for direct burial

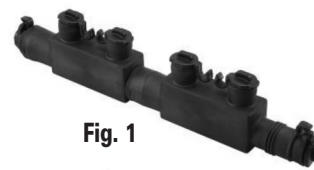
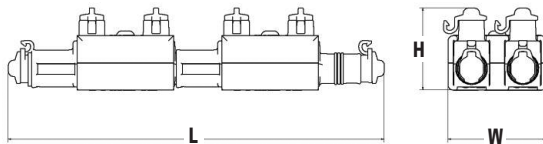


Fig. 1



Fig. 3



Fig. 2



Fig. 4

Catalog Number	Figure Number	Load Side Wire Range	Line Side Wire Range	Number of Ports		Dimensions - in. (mm)				
				Inputs	Outputs	W	H	L		
STL11-1/OSS6	1	6	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	9.130 (231.9)		
STL12-1/OSS6	2	6	1/0-14	1	2	2.395 (60.8)	1.995 (50.7)	7.510 (190.8)		
STL21-1/OSS6	3	6	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	7.525 (191.1)		
STL22-1/OSS6	4	6	1/0-14	2	2	2.395 (60.8)	1.995 (50.7)	9.130 (231.9)		
STL11-1/OSS8	1	8	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	9.130 (231.9)		
STL12-1/OSS8	2	8	1/0-14	1	2	2.395 (60.8)	1.995 (50.7)	7.510 (190.8)		
STL21-1/OSS8	3	8	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	7.525 (191.1)		
STL22-1/OSS8	4	8	1/0-14	2	2	2.395 (60.8)	1.995 (50.7)	9.130 (231.9)		
STL11-1/OSS10	1	10-14	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	9.130 (231.9)		
STL12-1/OSS10	2	10-14	1/0-14	1	2	2.395 (60.8)	1.995 (50.7)	7.510 (190.8)		
STL21-1/OSS10	3	10-14	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	7.525 (191.1)		
STL22-1/OSS10	4	10-14	1/0-14	2	2	2.395 (60.8)	1.995 (50.7)	9.130 (231.9)		

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Tested to UL File 486D

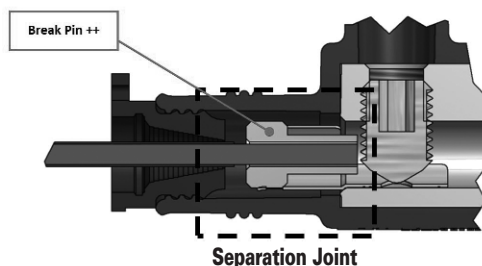
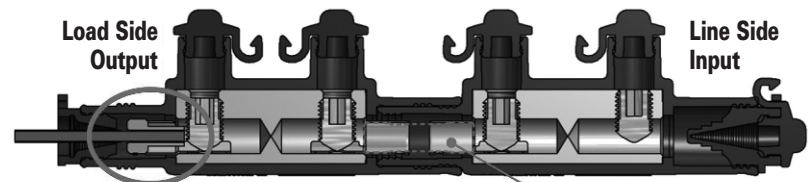
For DE-OX®, add "P" to end of catalog number

Fuse must be supplied by customer

++ Break pins are supplied with the connector. Also available as

Service parts, see below:

++ Break Pin	
Catalog Number	QTY
BP6	3
BP8	3
BP10	3



Fuse / Non-Fused Link +

+ Optional Non-fused Link

Catalog Number	QTY
NFL3	3
NFL6	6
NFL24	24

**TYPE
SLSS**

Features

- Environmentally sealed design
- Encapsulated with high dielectric strength polymer
- Manufactured from high strength aluminum alloy
- Precision engineered separation joint
- Fuse capable
- Compact design
- Interchangeable wire and screw port plugs
- Cap retention hook
- Available in four circuit configurations
- Wire way seals with pre-marked trim locations
- DE-OX® oxide inhibiting compound optional
- Rated for 600 volts
- Meets or exceeds ANSI C119.1 and C119.4 Class A specifications

Benefits

- Resists corrosion from moisture
- Touch safe, no taping required
- Suitable for use with copper or aluminum conductors
- Safe breakaway on impact, theft deterrent
- Overcurrent protection
- Easily accessible in small hand holes
- Seals any entry port of the connector
- Wire port caps tethered for reinsertion if required
- Application versatility
- Accommodates wire range 1/0-14
- Prevents oxides from forming
- For use in low voltage utility applications
- Watertight, suitable for direct burial

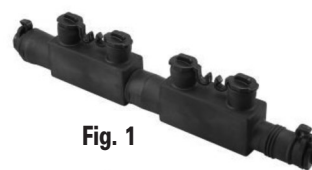
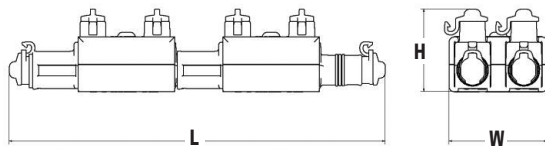


Fig. 1



Fig. 3



Fig. 2

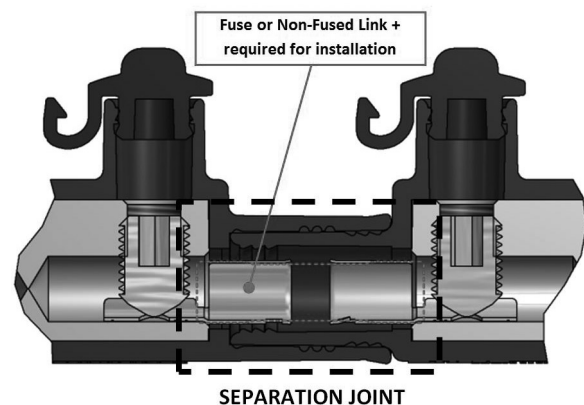
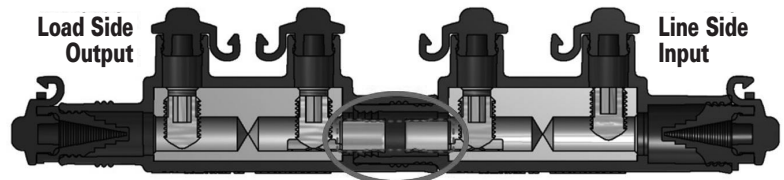


Fig. 4

Catalog Number	Figure Number	Wire Range	Number of Ports		Dimensions - in. (mm)					
			Inputs	Outputs	W		H		L	
SLSS11-1/0SS-Z	1	1/0-14	1	1	0.930	(23.6)	1.925	(48.9)	9.130	(231.9)
SLSS12-1/0SS-Z	2	1/0-14	1	2	2.395	(60.8)	1.995	(50.7)	7.510	(190.8)
SLSS21-1/0SS-Z	3	1/0-14	2	1	2.190	(55.6)	1.925	(48.9)	7.525	(191.1)
SLSS22-1/0SS-Z	4	1/0-14	2	2	2.395	(60.8)	1.995	(50.7)	9.130	(231.9)

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)
Fuse must be supplied by customer

+ Optional Non-fused Link	
Catalog Number	QTY
NFL3	3
NFL6	6
NFL24	24



SLSS OPTION:
P - Inhibitor Applied

Example:
SLSS11-1/0SSP-Z
Inhibitor Must be **LAST**

TYPE
STLSS

Features

- Environmentally sealed design
- Encapsulated with high dielectric strength polymer
- Manufactured from high strength aluminum alloy
- Compact design
- Interchangeable wire and screw port plugs
- Cap retention hook
- Available in four circuit configurations
- Wire way seals with pre-marked trim locations
- DE-OX® oxide inhibiting compound optional
- Rated for 600 volts
- Watertight

Benefits

- Resists corrosion from moisture
- Touch safe, no taping required
- Suitable for use with copper or aluminum conductors
- Break away feature for non-fused applications, easily accessible in small hand holes
- Seals any entry port of the connector
- Tethered for re-insertion if required
- Application versatility
- Accommodates wire range 1/0-14
- Prevents oxides from forming
- For use in low voltage applications
- Suitable for direct burial

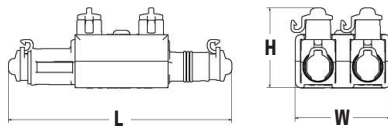


Fig. 1



Fig. 3



Fig. 2



Fig. 4

Catalog Number	Figure Number	Load Side Wire Range	Line Side Wire Range	Number of Ports		Dimensions - in. (mm)					
				Inputs	Outputs	W	H	L			
STL11-1/OSSN6	1	6	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	5.630 (143.0)			
STL12-1/OSSN6	2	6	1/0-14	1	2	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL21-1/OSSN6	3	6	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL22-1/OSSN6	4	6	1/0-14	2	2	2.395 (60.8)	2.000 (50.8)	5.630 (143.0)			
STL11-1/OSSN8	1	8	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	5.630 (143.0)			
STL12-1/OSSN8	2	8	1/0-14	1	2	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL21-1/OSSN8	3	8	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL22-1/OSSN8	4	8	1/0-14	2	2	2.395 (60.8)	2.000 (50.8)	5.630 (143.0)			
STL11-1/OSSN10	1	10-14	1/0-14	1	1	0.930 (23.6)	1.925 (48.9)	5.630 (143.0)			
STL12-1/OSSN10	2	10-14	1/0-14	1	2	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL21-1/OSSN10	3	10-14	1/0-14	2	1	2.190 (55.6)	1.925 (48.9)	4.000 (101.6)			
STL22-1/OSSN10	4	10-14	1/0-14	2	2	2.395 (60.8)	2.000 (50.8)	5.630 (143.0)			

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Tested to UL ECIS, special purpose connectors

++ Break pins are supplied with the connector. Also available as service parts, see below:

++ Break Pin	
Catalog Number	QTY
BP6	3
BP8	3
BP10	3

