

# Amphenol

Industrial



## SurLok Plus Series

## Company Profile



### Amphenol Industrial Operations

Amphenol Industrial Operations (AIO), a division of the Amphenol Corporation, is a prominent manufacturer of cylindrical connectors known around the world. Amphenol Industrial's product lines consist of rectangular, standard miniature, fiber optic, EMI/EMP filter, and a variety of special application connectors.

Manufacturing connectors since 1932, we take pride that Amphenol Industrial Operations is the undisputed leader in interconnect systems for harsh environment applications. Innovations like our RADSOK® contact technology can provide roughly 50% more current through the same size pin. Connectors utilizing this RADSOK® technology will outperform similar products in the market hands down.

The Sidney, NY facility, nestled at the foothills of the Catskill Mountains, is over 307,000 square feet. This complex houses over 1000+employees incorporating state-of-the-art manufacturing technologies. The facility is both ISO9001 certified and qualified to MIL-STD-790 requirements.



### Amphenol Technology (Zhuhai) Co., Ltd.

Established in 2007, Amphenol Technology (Zhuhai) Co., Ltd. is a manufacturing facility for Amphenol Industrial Operations, which serves a number of industrial markets, included but not limited to Factory Automation, Transportation, Heavy Equipment, Alternative Energy, Energy Storage, Server/Data Comm and Power Distribution.

Amphenol Technology (Zhuhai) Co., Ltd. covers an area of 28470m<sup>2</sup> and is equipped with CNC, plating, injection molding and assembly workshops. This plant specializes in the design and manufacturing of industrial connectors featuring high power, high density, medium to high voltage electrical properties, and harsh environment applications.

With industry leading engineering, design and manufacturing expertise, Amphenol Technology (Zhuhai) Co., Ltd. has earned more than 30 utility patents on its innovative interconnects. Many of the products produced have been certified by independent standards including UL, IEC/TUV, ATEX, IECEx and MA. The facility is also certified to ISO 9001, ISO 14001 and IATF 16949.

## What is SurLok Plus™?



The SurLok Plus™ compression lug is a field installable, high reliable alternative to common compression lugs. Using industry standard crimp, screw, and busbar termination options, thus eliminating the need to purchase special torque tools.

Amphenol's SurLok Plus™ is an environmentally sealed version of our original SurLok but available in smaller sizes, and features a quick lock and press-to-release design. Incorporating the latest R4 RADSOK® Technology, SurLok Plus™ is a compact, quick mating, and robust product line.

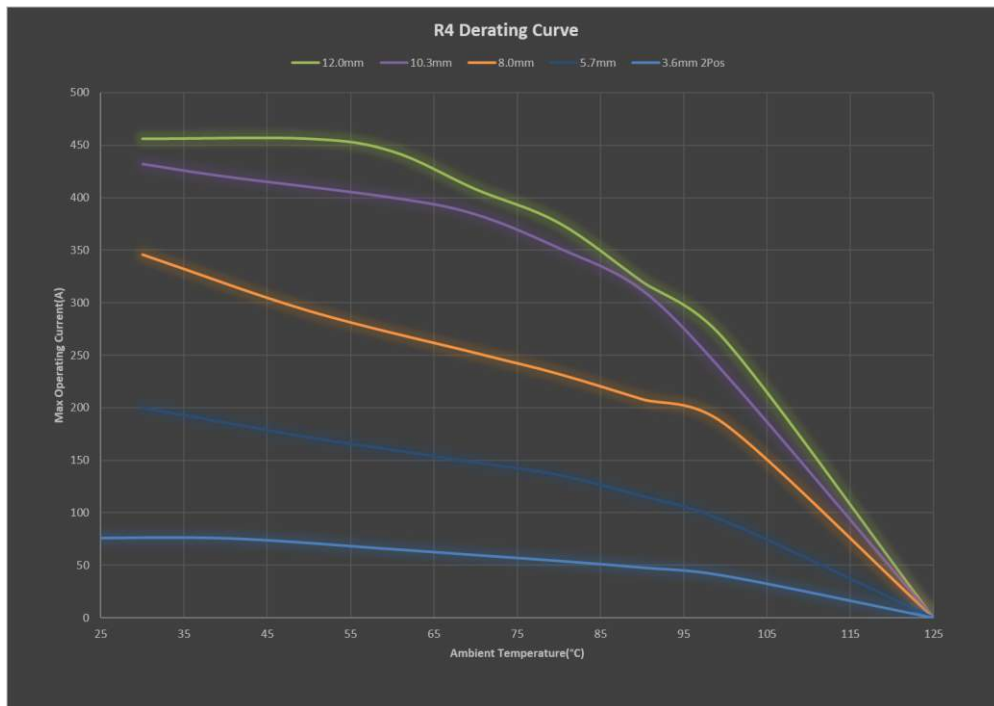
The RADSOK® high amperage contact technology utilizes high tensile strength properties of a stamped and formed, high conductivity alloy grid to produce low insertion forces while maintaining a large conductive surface area.

The R4 version of the RADSOK® represents the culmination of three years of research and development in laser welding copper based alloys.

## Features and Benefits

- **R4 RADSOK® Technology**
- **IP67 Rated**
- **Touch Proof**
- **Quick lock and press-to-release design**
- **“Keyway” design to prevent incorrect mating**
- **360° rotating plug**
- **Various termination options (Threaded, Crimp, Busbar)**
- **Compact robust design**

| Technical Data    |                                            |              |                |
|-------------------|--------------------------------------------|--------------|----------------|
| Contact Size      | 5.7mm(120A)<br>8.0mm(200A)<br>10.3mm(350A) | IP Rating    | IP67           |
| Current Rating    | 100A~350A<br>(up to 400A)                  | Protection   | Touch Proof    |
| Operating Voltage | 1000VAC/DC                                 | Flammability | UL 94 V-0      |
| Operating Temp    | -40°C to 125°C                             | Locking      | Spring Locking |



## Markets

The markets and applications for the SurLok Plus series include but are not limited to the following:

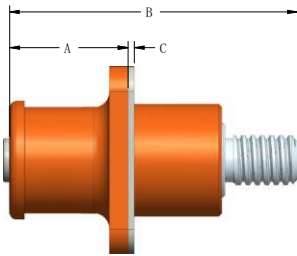
- **EV/HEV**
- **BMS/Energy Storage**
- **Rail Mass Transition**
- **Process Control/Automation**
- **Medical**
- **Heavy Equipment**



## Product Dimensions

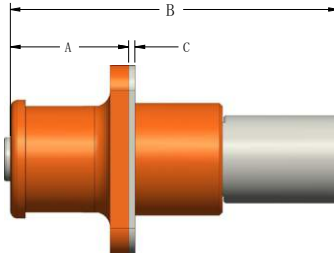
### Contact Termination

#### Screw Termination



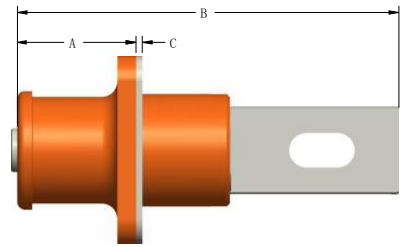
| Size   | Screw Termination |      |     |
|--------|-------------------|------|-----|
|        | A                 | B    | C   |
| 5.7mm  | 16.5              | 36.7 | 1.0 |
| 8.0mm  | 19.0              | 46.1 | 1.0 |
| 10.3mm | 25.8              | 55.5 | 0.3 |

#### Crimp Termination



| Size   | Crimp Termination |                          |     |
|--------|-------------------|--------------------------|-----|
|        | A                 | B                        | C   |
| 5.7mm  | 16.5              | 40.7                     | 1.0 |
| 8.0mm  | 19.0              | 52.7                     | 1.0 |
| 10.3mm | 25.8              | 50mm <sup>2</sup> : 65.8 | 0.3 |
|        |                   | 70mm <sup>2</sup> : 68.8 |     |
|        |                   | 85mm <sup>2</sup> : 71.8 |     |

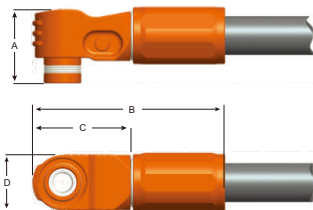
#### Busbar Termination



| Size   | Busbar Termination |      |     |
|--------|--------------------|------|-----|
|        | A                  | B    | C   |
| 5.7mm  | 16.5               | 46.7 | 1.0 |
| 8.0mm  | 19.0               | 61.2 | 1.0 |
| 10.3mm | 25.8               | 68.8 | 0.3 |

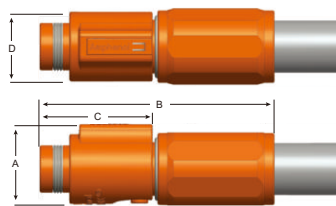
### Shell Type

#### Right Angle Plug



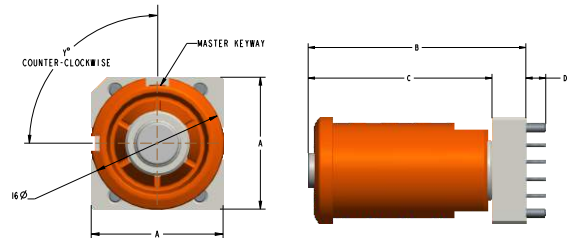
| Size   | Plug Dimension |      |      |      |
|--------|----------------|------|------|------|
|        | A              | B    | C    | D    |
| 5.7mm  | 22.6           | 55.1 | 30.0 | 18.0 |
| 8.0mm  | 29.0           | 74.5 | 38.4 | 21.6 |
| 10.3mm | 41.2           | 84.5 | 42.5 | 28.0 |

#### Straight Plug



| Size  | Plug Dimension |      |      |      |
|-------|----------------|------|------|------|
|       | A              | B    | C    | D    |
| 8.0mm | 24.45          | 72.4 | 34.8 | 21.4 |

#### Straight Receptacle



| Size  | Press-Fit Termination |      |      |     |
|-------|-----------------------|------|------|-----|
|       | A                     | B    | C    | D   |
| 5.7mm | 16.0                  | 32.8 | 27.7 | 3.0 |

## SurLok Plus™ EMI Version (8.0mm)

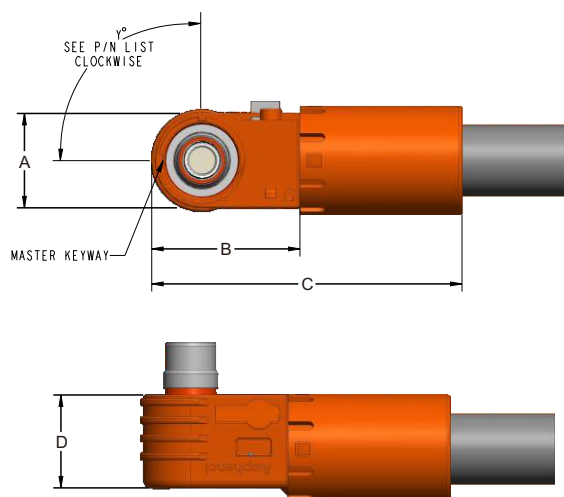


### Features and Benefits

- **EMI shielding**
- **HVIL function**
- **Secondary locking system**
- **Flammability: UL 94 V-0**
- **Wide amperage range: 150A~250A**
- **RoHS compliant**

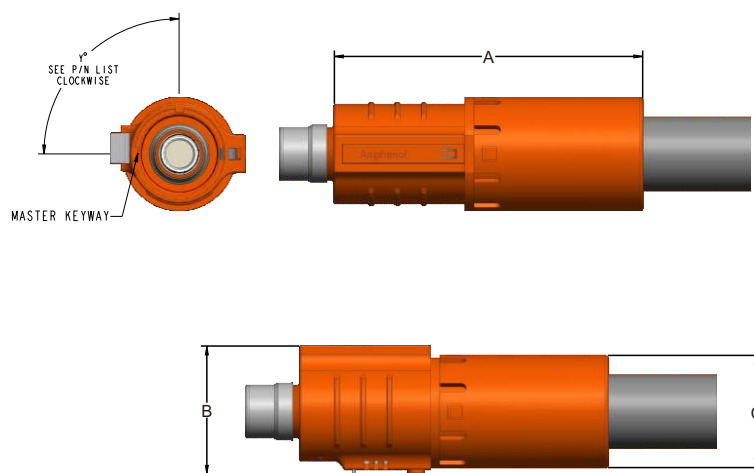
# Product Dimensions

## Right Angle Plug



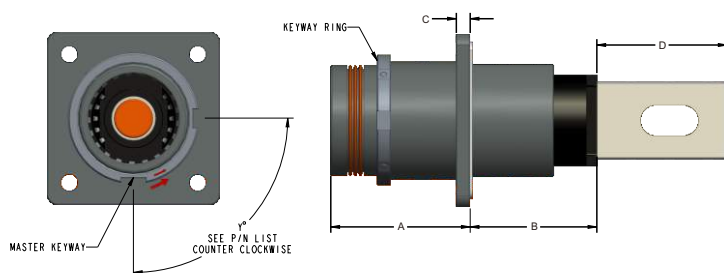
| Size  | Plug Dimension |      |      |      |
|-------|----------------|------|------|------|
|       | A              | B    | C    | D    |
| 8.0mm | 26.2           | 41.2 | 86.2 | 25.8 |

## Straight Plug



| Size  | Plug Dimension |      |      |
|-------|----------------|------|------|
|       | A              | B    | C    |
| 8.0mm | 82.5           | 34.3 | 30.0 |

## Receptacle



| Size  | Receptacle Dimension |       |     |      |
|-------|----------------------|-------|-----|------|
|       | A                    | B     | C   | D    |
| 8.0mm | 25.15                | 22.85 | 2.5 | 23.5 |

## Ordering Information

### SurLok Plus 5.7mm

| Product Series:<br>SurLok Plus™ | Plug                      | RADSOK®<br>Size | Applicable Cable<br>Size | Backshells                                 | Sealing                                    | Connector<br>Color | Keyway<br>(Omit for no Keyway) |
|---------------------------------|---------------------------|-----------------|--------------------------|--------------------------------------------|--------------------------------------------|--------------------|--------------------------------|
| SLP                             | P Right Angle Plug<br>90° | A 5.7mm         | 16 16mm² : 100 Amps      | B W/ Backshells                            | S IP67 Sealed<br>(W/ Grommet<br>& O-Rings) | O Orange           | 0 90°                          |
|                                 |                           |                 |                          |                                            |                                            |                    | 1 180°                         |
|                                 |                           |                 | 25 25mm² : 120 Amps      | N W/O Backshells (For<br>Overmolding Only) | N Non-Sealed                               | B Black            | 2 60°                          |
|                                 |                           |                 |                          |                                            |                                            |                    | 3 120°                         |
|                                 |                           |                 |                          |                                            |                                            | R Red              | 4 150°                         |

| Product Series:<br>SurLok Plus™ | Receptacle |                          | RADSOK®<br>Size |       | *Applicable Cable<br>Size (for Crimping<br>Termination only) |                  | Termination Style |               | Panel Mount |                          | Sealing |                                          | Connector Color |        | Keyway<br>(Omit for no Keyway) |     |   |      |   |      |
|---------------------------------|------------|--------------------------|-----------------|-------|--------------------------------------------------------------|------------------|-------------------|---------------|-------------|--------------------------|---------|------------------------------------------|-----------------|--------|--------------------------------|-----|---|------|---|------|
| SLP                             | R          | Receptacle<br>W/O Keyway | A               | 5.7mm | 16                                                           | 16mm² : 100 Amps | B                 | Busbar        | P           | Panel Mount<br>W/ Flange | S       | IP67 Sealed<br>(W/ Grommet<br>& O-Rings) | O               | Orange | 0                              | 90° |   |      |   |      |
|                                 |            |                          |                 |       |                                                              |                  |                   |               |             |                          |         |                                          |                 |        |                                |     | 1 | 180° |   |      |
|                                 | IR         | Receptacle<br>W/Keyway   |                 |       | 25                                                           | 25mm² : 120 Amps | T                 | Threaded Post | N           | W/O Flange               | N       | Non-Sealed                               | B               | Black  | 2                              | 60° |   |      |   |      |
|                                 |            |                          |                 |       |                                                              |                  |                   |               |             |                          |         |                                          |                 |        |                                |     | 3 | 120° |   |      |
|                                 |            |                          |                 |       |                                                              |                  | C                 | Crimp         |             |                          |         |                                          |                 |        |                                |     | R | Red  | 4 | 150° |
|                                 |            |                          |                 |       |                                                              |                  |                   |               |             |                          |         |                                          |                 |        |                                |     |   |      |   |      |

### SurLok Plus 8.0mm

| Product Series:<br>SurLok Plus™ | Plug |                            | RADSOK®<br>Size |       | Applicable<br>Cable Size |                | Backshells                                  |              | Sealing    |                                            | Connector<br>Color |        | Keyway<br>(Omit for no keyway) |      |
|---------------------------------|------|----------------------------|-----------------|-------|--------------------------|----------------|---------------------------------------------|--------------|------------|--------------------------------------------|--------------------|--------|--------------------------------|------|
| SLP                             | P    | Right<br>Angle<br>Plug 90° | B               | 8.0mm | 35                       | 35mm² :150Amps | B                                           | W/Backshells | S          | IP67<br>Sealed<br>(W/Grommet<br>& O-Rings) | O                  | Orange | 0                              | 90°  |
|                                 |      |                            |                 |       |                          |                |                                             |              |            |                                            |                    |        |                                | 1    |
|                                 | IP   | Straight<br>Plug           |                 | 50    | 50mm² :200Amps           | N              | W/O Backshells<br>(For Overmolding<br>Only) | N            | Non-Sealed | B                                          | Black              | 2      | 60°                            |      |
|                                 |      |                            |                 |       |                          |                |                                             |              |            |                                            |                    |        | 3                              | 120° |
|                                 |      |                            |                 |       |                          |                |                                             |              |            |                                            |                    |        | 4                              | 150° |
|                                 |      |                            |                 |       |                          |                |                                             |              |            |                                            |                    |        |                                |      |

| Product Series:<br>SurLok Plus™ | Receptacle |                          | RADSOK®<br>Size |       | *Applicable<br>Cable Size<br>(for Crimping<br>Termination only) |                    | Termination<br>Style |                  | Panel Mount |                             | Sealing |                                            | Connector<br>Color |        | Keyway<br>(Omit for no keyway) |      |  |  |
|---------------------------------|------------|--------------------------|-----------------|-------|-----------------------------------------------------------------|--------------------|----------------------|------------------|-------------|-----------------------------|---------|--------------------------------------------|--------------------|--------|--------------------------------|------|--|--|
| SLP                             | R          | Receptacle<br>W/O Keyway | B               | 8.0mm | 35                                                              | 35mm² :<br>150Amps | B                    | Busbar           | P           | Panel<br>Mount W/<br>Flange | S       | IP67<br>Sealed<br>(W/Grommet<br>& O-Rings) | O                  | Orange | 0                              | 90°  |  |  |
|                                 |            |                          |                 |       |                                                                 |                    |                      |                  |             |                             |         |                                            |                    |        | 1                              | 180° |  |  |
|                                 | IR         | Receptacle<br>W/Keyway   |                 |       | 50                                                              | 50mm² :<br>200Amps | T                    | Threaded<br>Post | N           | W/O<br>Flange               | N       | Non-Sealed                                 | B                  | Black  | 2                              | 60°  |  |  |
|                                 |            |                          |                 |       |                                                                 |                    |                      |                  |             |                             |         |                                            |                    |        |                                |      |  |  |
|                                 |            |                          |                 |       |                                                                 |                    | C                    | Crimp            |             |                             |         |                                            | R                  | Red    | 3                              | 120° |  |  |
|                                 |            |                          |                 |       |                                                                 |                    |                      |                  |             |                             |         |                                            |                    |        | 4                              | 150° |  |  |

# Ordering Information

## SurLok Plus 10.3mm

| Product Series:<br>SurLokPlus™ | Plug |                         | RADSOK®<br>Size |        | Applicable Cable<br>Size |                 | Backshells |                                          | Sealing |                                       | Connector<br>Color |        | Keyway          |      |
|--------------------------------|------|-------------------------|-----------------|--------|--------------------------|-----------------|------------|------------------------------------------|---------|---------------------------------------|--------------------|--------|-----------------|------|
| SLP                            | P    | Right Angle Plug<br>90° | C               | 10.3mm | 50                       | 50mm² : 200Amps | B          | W/ Backshells                            | S       | IP67 Sealed<br>(W/ Grommet & O-Rings) | O                  | Orange | 0               | 90°  |
|                                |      |                         |                 |        | 70                       | 70mm² : 250Amps |            |                                          |         |                                       |                    |        | 1               | 180° |
|                                |      |                         |                 |        | 85                       | 85mm² : 300Amps | N          | W/O Backshells<br>(For Overmolding Only) | N       | Non-Sealed                            | B                  | Black  | 2               | 60°  |
|                                |      |                         |                 |        |                          |                 |            |                                          |         |                                       |                    |        | 3               | 120° |
|                                |      |                         |                 |        |                          |                 |            |                                          |         |                                       |                    |        | 95mm² : 350Amps | R    |

| Product Series:<br>SurLokPlus™ |    | Receptacle             | RADSOK®<br>Size |        | *Applicable Cable<br>Size(for Crimping<br>Termination only) |                                    | Termination Style |               | Panel Mount |                       | Sealing |                                         | Connector Color |        | Keyway |      |
|--------------------------------|----|------------------------|-----------------|--------|-------------------------------------------------------------|------------------------------------|-------------------|---------------|-------------|-----------------------|---------|-----------------------------------------|-----------------|--------|--------|------|
| SLP                            | IR | Receptacle<br>W/Keyway | C               | 10.3mm | 50                                                          | 50mm² : 200Amps                    | B                 | Busbar        | P           | Panel Mount W/ Flange | S       | IP67 Sealed<br>(W/Grommet<br>& O-Rings) | O               | Orange | 0      | 90°  |
|                                |    |                        |                 |        | 70                                                          | 70mm² :250 Amps                    | T                 | Threaded Post |             |                       |         |                                         |                 |        | 1      | 180° |
|                                |    |                        |                 |        | 85                                                          | 85mm² : 300Amps<br>95mm² : 350Amps | C                 | Crimp         | N           | W/O Flange            | N       | Non-Sealed                              | B               | Black  | 2      | 60°  |
|                                |    |                        |                 |        |                                                             |                                    |                   |               |             |                       |         |                                         | R               | Red    | 3      | 120° |
|                                |    |                        |                 |        |                                                             |                                    |                   |               |             |                       |         |                                         |                 |        | 4      | 150° |
|                                |    |                        |                 |        |                                                             |                                    |                   |               |             |                       |         |                                         |                 |        |        |      |
|                                |    |                        |                 |        |                                                             |                                    |                   |               |             |                       |         |                                         |                 |        |        |      |
|                                |    |                        |                 |        |                                                             |                                    |                   |               |             |                       |         |                                         |                 |        |        |      |

## SurLok Plus 8.0mm with EMI

| Product Series:<br>SurLok Plus™ | Plug |                         | RADSOK®<br>Size |       | Applicable Cable<br>Size |                 | Backshells |                                         | Sealing |                                       | Connector Color |        | Keyway |      | EMI |     | HVIL<br>(Optional) |      |   |      |
|---------------------------------|------|-------------------------|-----------------|-------|--------------------------|-----------------|------------|-----------------------------------------|---------|---------------------------------------|-----------------|--------|--------|------|-----|-----|--------------------|------|---|------|
| SLP                             | P    | Right Angle<br>Plug 90° | B               | 8.0mm | 35                       | 35mm² : 150Amps | B          | W/ Backshells                           | S       | IP67 Sealed<br>(W/ Grommet & O-Rings) | O               | Orange | 0      | 90°  | E   | EMI | H                  | HVIL |   |      |
|                                 |      |                         |                 |       |                          |                 |            |                                         |         |                                       |                 |        | 1      | 270° |     |     |                    |      |   |      |
|                                 | IP   | Straight Plug           |                 |       | 50                       | 50mm² : 200Amps | N          | W/O Backshells<br>(For OvermoldingOnly) | N       | Non-Sealed                            | B               | Black  | 2      | 60°  |     |     |                    |      |   |      |
|                                 |      |                         |                 |       | 70                       | 70mm² : 250Amps |            |                                         |         |                                       |                 |        | R      | Red  |     |     |                    |      | 3 | 120° |
|                                 |      |                         |                 |       |                          |                 |            |                                         |         |                                       |                 |        |        |      |     |     |                    |      | 4 | 150° |
|                                 |      |                         |                 |       |                          |                 |            |                                         |         |                                       |                 |        |        |      |     |     |                    |      |   |      |

| Product Series:<br>SurLok Plus™ |    | Receptacle               | RADSOK® Size |       | Termination Style |        | Panel Mount |                          | Sealing |                                       | Connector Color |        | Keyway |      | EMI |     | HVIL (Optional) |      |   |      |
|---------------------------------|----|--------------------------|--------------|-------|-------------------|--------|-------------|--------------------------|---------|---------------------------------------|-----------------|--------|--------|------|-----|-----|-----------------|------|---|------|
| SLP                             | R  | Receptacle<br>W/O Keyway | B            | 8.0mm | B                 | Busbar | P           | Panel Mount<br>W/ Flange | S       | IP67 Sealed<br>(W/ Grommet & O-Rings) | O               | Orange | 0      | 90°  | E   | EMI | H               | HVIL |   |      |
|                                 |    |                          |              |       |                   |        |             |                          |         |                                       |                 |        | 1      | 270° |     |     |                 |      |   |      |
|                                 | IR | Receptacle<br>W/Keyway   |              |       |                   |        |             |                          | N       | Non-Sealed                            | B               | Black  | 2      | 60°  |     |     |                 |      |   |      |
|                                 |    |                          |              |       |                   |        |             |                          |         |                                       |                 |        | R      | Red  |     |     |                 |      | 3 | 120° |
|                                 |    |                          |              |       |                   |        |             |                          |         |                                       |                 |        |        |      |     |     |                 |      | 4 | 150° |

# SurLok Plus Selection Chart

| SurLok Plus™ Plugs  |                           |                                                                            |
|---------------------|---------------------------|----------------------------------------------------------------------------|
| AMPHENOL CATALOG PN | AMPHENOL MANUFACTURING PN | DESCRIPTION                                                                |
| SLP IP B 35 B S O 0 | C10-731951-000            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 90° KEYWAY - ORANGE  |
| SLP IP B 35 B S B 0 | C10-731951-100            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 90° KEYWAY - BLACK   |
| SLP IP B 35 B S R 0 | C10-731951-200            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 90° KEYWAY - RED     |
| SLP IP B 35 B S O 1 | C10-731951-001            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 180° KEYWAY - ORANGE |
| SLP IP B 35 B S B 1 | C10-731951-101            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 180° KEYWAY - BLACK  |
| SLP IP B 35 B S R 1 | C10-731951-201            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 180° KEYWAY - RED    |
| SLP IP B 35 B S O 2 | C10-731951-002            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 60° KEYWAY - ORANGE  |
| SLP IP B 35 B S B 2 | C10-731951-102            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 60° KEYWAY - BLACK   |
| SLP IP B35 B S R 2  | C10-731951-202            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 60° KEYWAY - RED     |
| SLP IP B 35 B S O 3 | C10-731951-003            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 120° KEYWAY - ORANGE |
| SLP IP B 35 B S B 3 | C10-731951-103            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 120° KEYWAY - BLACK  |
| SLP IP B 35 B S R3  | C10-731951-203            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 120° KEYWAY - RED    |
| SLP IP B 35 B S O 4 | C10-731951-004            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 150° KEYWAY - ORANGE |
| SLP IP B 35 B S B 4 | C10-731951-104            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 150° KEYWAY - BLACK  |
| SLP IP B 35 B S R4  | C10-731951-204            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 35MM2 SEALED WITH 150° KEYWAY - RED    |
| SLP IP B 50 B S O 0 | C10-731951-010            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 90° KEYWAY - ORANGE  |
| SLP IP B 50 B S B 0 | C10-731951-110            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 90° KEYWAY - BLACK   |
| SLP IP B 50 B S R 0 | C10-731951-210            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 90° KEYWAY - RED     |
| SLP IP B 50 B S O 1 | C10-731951-011            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 180° KEYWAY - ORANGE |
| SLP IP B 50 B S B 1 | C10-731951-111            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 180° KEYWAY - BLACK  |
| SLP IP B 50 B S R 1 | C10-731951-211            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 180° KEYWAY - RED    |
| SLP IP B 50 B S O 2 | C10-731951-012            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 60° KEYWAY - ORANGE  |
| SLP IP B 50 B S B 2 | C10-731951-112            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 60° KEYWAY - BLACK   |
| SLP IP B 50 B S R 2 | C10-731951-212            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 60° KEYWAY - RED     |
| SLP IP B 50 B S O 3 | C10-731951-013            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 120° KEYWAY - ORANGE |
| SLP IP B 50 B S B 3 | C10-731951-113            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 120° KEYWAY - BLACK  |
| SLP IP B 50 B S R3  | C10-731951-213            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 120° KEYWAY - RED    |
| SLP IP B 50 B S O 4 | C10-731951-014            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 150° KEYWAY - ORANGE |
| SLP IP B 50 B S B 4 | C10-731951-114            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 150° KEYWAY - BLACK  |
| SLP IP B 50 B S R4  | C10-731951-214            | 8.0MM SURLOK PLUS STRAIGHT PLUG FOR 50MM2 SEALED WITH 150° KEYWAY - RED    |
| SLP P B 35 B S O    | C10-730188-030            | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED ORANGE                         |
| SLP P B 35 B S B    | C10-730188-130            | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED BLACK                          |
| SLP P B 35 B S R    | C10-730188-230            | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED RED                            |
| SLP P B 50 B S O    | C10-730188-000            | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED ORANGE                         |
| SLP P B 50 B S B    | C10-730188-100            | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED BLACK                          |
| SLP P B 50 B S R    | C10-730188-200            | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED RED                            |
| SLP P B 35 B S O0   | C10-730188-0300           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 90° Keyway - ORANGE          |
| SLP P B 35 B S B0   | C10-730188-1300           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 90° Keyway - BLACK           |
| SLP P B 35 B S R0   | C10-730188-2300           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 90° Keyway - RED             |
| SLP P B 50 B S O0   | C10-730188-0000           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 90° Keyway - ORANGE          |
| SLP P B 50 B S B0   | C10-730188-1000           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 90° Keyway - BLACK           |
| SLP P B 50 B S R0   | C10-730188-2000           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 90° Keyway - RED             |
| SLP P B 35 B S O1   | C10-730188-0301           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 180° Keyway - ORANGE         |
| SLP P B 35 B S B1   | C10-730188-1301           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 180° Keyway - BLACK          |
| SLP P B 35 B S R1   | C10-730188-2301           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 180° Keyway - RED            |
| SLP P B 50 B S O1   | C10-730188-0001           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 180° Keyway - ORANGE         |
| SLP P B 50 B S B1   | C10-730188-1001           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 180° Keyway - BLACK          |
| SLP P B 50 B S R1   | C10-730188-2001           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 180° Keyway - RED            |
| SLP P B 35 B S O2   | C10-730188-0302           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 60° Keyway - ORANGE          |
| SLP P B 35 B S B2   | C10-730188-1302           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 60° Keyway - BLACK           |
| SLP P B 35 B S R2   | C10-730188-2302           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 60° Keyway - RED             |
| SLP P B 50 B S O2   | C10-730188-0002           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 60° Keyway - ORANGE          |
| SLP P B 50 B S B2   | C10-730188-1002           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 60° Keyway - BLACK           |
| SLP P B 50 B S R2   | C10-730188-2002           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 60° Keyway - RED             |
| SLP P B 35 B S O3   | C10-730188-0303           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 120° Keyway - ORANGE         |
| SLP P B 35 B S B3   | C10-730188-1303           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 120° Keyway - BLACK          |
| SLP P B 35 B S R3   | C10-730188-2303           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 120° Keyway - RED            |
| SLP P B 50 B S O3   | C10-730188-0003           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 120° Keyway - ORANGE         |
| SLP P B 50 B S B3   | C10-730188-1003           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 120° Keyway - BLACK          |
| SLP P B 50 B S R3   | C10-730188-2003           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 120° Keyway - RED            |
| SLP P B 35 B S O4   | C10-730188-0304           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 150° Keyway - ORANGE         |
| SLP P B 35 B S B4   | C10-730188-1304           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 150° Keyway - BLACK          |
| SLP P B 35 B S R4   | C10-730188-2304           | 8.0MM SURLOK PLUS R/A PLUG FOR 35MM2 SEALED , 150° Keyway - RED            |
| SLP P B 50 B S O4   | C10-730188-0004           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 150° Keyway - ORANGE         |
| SLP P B 50 B S B4   | C10-730188-1004           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 150° Keyway - BLACK          |
| SLP P B 50 B S R4   | C10-730188-2004           | 8.0MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED , 150° Keyway - RED            |
| SLP P A 16 B S O    | C10-730186-030            | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED ORANGE                         |
| SLP P A 16 B S B    | C10-730186-130            | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED BLACK                          |
| SLP P A 16 B S R    | C10-730186-230            | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED RED                            |

# SurLok Plus Selection Chart

| SurLok Plus™ Plugs  |                           |                                                                   |
|---------------------|---------------------------|-------------------------------------------------------------------|
| AMPHENOL CATALOG PN | AMPHENOL MANUFACTURING PN | DESCRIPTION                                                       |
| SLP P A 25 B S O    | C10-730186-000            | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED ORANGE                |
| SLP P A 25 B S B    | C10-730186-100            | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED BLACK                 |
| SLP P A 25 B S R    | C10-730186-200            | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED RED                   |
| SLP P A 16 B S O0   | C10-730186-0300           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 90° Keyway - ORANGE  |
| SLP P A 16 B S B0   | C10-730186-1300           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 90° Keyway - BLACK   |
| SLP P A 16 B S R0   | C10-730186-2300           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 90° Keyway - RED     |
| SLP P A 25 B S O0   | C10-730186-0000           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 90° Keyway - ORANGE  |
| SLP P A 25 B S B0   | C10-730186-1000           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 90° Keyway - BLACK   |
| SLP P A 25 B S R0   | C10-730186-2000           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 90° Keyway - RED     |
| SLP P A 16 B S O1   | C10-730186-0301           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 180° Keyway - ORANGE |
| SLP P A 16 B S B1   | C10-730186-1301           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 180° Keyway - BLACK  |
| SLP P A 16 B S R1   | C10-730186-2301           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 180° Keyway - RED    |
| SLP P A 25 B S O1   | C10-730186-0001           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 180° Keyway - ORANGE |
| SLP P A 25 B S B1   | C10-730186-1001           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 180° Keyway - BLACK  |
| SLP P A 25 B S R1   | C10-730186-2001           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 180° Keyway - RED    |
| SLP P A 16 B S O2   | C10-730186-0302           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 60° Keyway - ORANGE  |
| SLP P A 16 B S B2   | C10-730186-1302           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 60° Keyway - BLACK   |
| SLP P A 16 B S R2   | C10-730186-2302           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 60° Keyway - RED     |
| SLP P A 25 B S O2   | C10-730186-0002           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 60° Keyway - ORANGE  |
| SLP P A 25 B S B2   | C10-730186-1002           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 60° Keyway - BLACK   |
| SLP P A 25 B S R2   | C10-730186-2002           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 60° Keyway - RED     |
| SLP P A 16 B S O3   | C10-730186-0303           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 120° Keyway - ORANGE |
| SLP P A 16 B S B3   | C10-730186-1303           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 120° Keyway - BLACK  |
| SLP P A 16 B S R3   | C10-730186-2303           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 120° Keyway - RED    |
| SLP P A 25 B S O3   | C10-730186-0003           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 120° Keyway - ORANGE |
| SLP P A 25 B S B3   | C10-730186-1003           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 120° Keyway - BLACK  |
| SLP P A 25 B S R3   | C10-730186-2003           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 120° Keyway - RED    |
| SLP P A 16 B S O4   | C10-730186-0304           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 150° Keyway - ORANGE |
| SLP P A 16 B S B4   | C10-730186-1304           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 150° Keyway - BLACK  |
| SLP P A 16 B S R4   | C10-730186-2304           | 5.7MM SURLOK PLUS R/A PLUG FOR 16MM2 SEALED, 150° Keyway - RED    |
| SLP P A 25 B S O4   | C10-730186-0004           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 150° Keyway - ORANGE |
| SLP P A 25 B S B4   | C10-730186-1004           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 150° Keyway - BLACK  |
| SLP P A 25 B S R4   | C10-730186-2004           | 5.7MM SURLOK PLUS R/A PLUG FOR 25MM2 SEALED, 150° Keyway - RED    |
| SLP P C 85 B S O0   | C10-730190-0800           | 10.3MM SURLOK PLUS R/A PLUG FOR 85MM2 SEALED 90° KEYWAY - ORANGE  |
| SLP P C 85 B S B0   | C10-730190-1800           | 10.3MM SURLOK PLUS R/A PLUG FOR 85MM2 SEALED 90° KEYWAY - BLACK   |
| SLP P C 85 B S R0   | C10-730190-2800           | 10.3MM SURLOK PLUS R/A PLUG FOR 85MM2 SEALED 90° KEYWAY - RED     |
| SLP P C 70 B S O0   | C10-730190-0700           | 10.3MM SURLOK PLUS R/A PLUG FOR 70MM2 SEALED 90° KEYWAY - ORANGE  |
| SLP P C 70 B S B0   | C10-730190-1700           | 10.3MM SURLOK PLUS R/A PLUG FOR 70MM2 SEALED 90° KEYWAY - BLACK   |
| SLP P C 70 B S R0   | C10-730190-2700           | 10.3MM SURLOK PLUS R/A PLUG FOR 70MM2 SEALED 90° KEYWAY - RED     |
| SLP P C 50 B S O0   | C10-730190-0500           | 10.3MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED 90° KEYWAY - ORANGE  |
| SLP P C 50 B S B0   | C10-730190-1500           | 10.3MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED 90° KEYWAY - BLACK   |
| SLP P C 50 B S R0   | C10-730190-2500           | 10.3MM SURLOK PLUS R/A PLUG FOR 50MM2 SEALED 90° KEYWAY - RED     |

| SurLok Plus™ Receptacles |                           |                                                                                            |
|--------------------------|---------------------------|--------------------------------------------------------------------------------------------|
| AMPHENOL CATALOG PN      | AMPHENOL MANUFACTURING PN | DESCRIPTION                                                                                |
| SLP R B T P S O          | C10-730189-020            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH SCREW THREAD - ORANGE                 |
| SLP R B T P S B          | C10-730189-120            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH SCREW THREAD - BLACK                  |
| SLP R B T P S R          | C10-730189-220            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH SCREW THREAD - RED                    |
| SLP R B B P S O          | C10-730189-010            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH FLAT BUSBAR - ORANGE                  |
| SLP R B B P S B          | C10-730189-110            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUN WITH FLAT BUSBAR - BLACK                           |
| SLP R B B P S R          | C10-730189-210            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH FLAT BUSBAR - RED                     |
| SLP R B 35 C P S O       | C10-730189-030            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 35MM2 - ORANGE                   |
| SLP R B 35 C P S B       | C10-730189-130            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 35MM2 - BLACK                    |
| SLP R B 35 C P S R       | C10-730189-230            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 35MM2 - RED                      |
| SLP R B 50 C P S O       | C10-730189-000            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 50MM2 - ORANGE                   |
| SLP R B 50 C P S B       | C10-730189-100            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 50MM2 - BLACK                    |
| SLP R B 50 C P S R       | C10-730189-200            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED CRIMP FOR 50MM2 - RED                      |
| SLP I R B B P S O0       | C10-731950-010            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 90°KEYWAY WITH FLAT BUSBAR - ORANGE   |
| SLP I R B T P S O0       | C10-731950-020            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 90°KEYWAY WITH SCREW THREAD - ORANGE  |
| SLP I R B 35 C P S O0    | C10-731950-030            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 90°KEYWAY CRIMP FOR 35MM2 - ORANGE    |
| SLP I R B 50 C P S O0    | C10-731950-000            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 90°KEYWAY CRIMP FOR 50MM2 - ORANGE    |
| SLP I R B B P S O1       | C10-731950-011            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 180°KEYWAY WITH FLAT BUSBAR - ORANGE  |
| SLP I R B T P S O1       | C10-731950-021            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 180°KEYWAY WITH SCREW THREAD - ORANGE |
| SLP I R B 35 C P S O1    | C10-731950-031            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 180°KEYWAY CRIMP FOR 35MM2 - ORANGE   |
| SLP I R B 50 C P S O1    | C10-731950-001            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 180°KEYWAY CRIMP FOR 50MM2 - ORANGE   |
| SLP I R B B P S O2       | C10-731950-012            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 60°KEYWAY WITH FLAT BUSBAR - ORANGE   |
| SLP I R B T P S O2       | C10-731950-022            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 60°KEYWAY WITH SCREW THREAD - ORANGE  |
| SLP I R B 35 C P S O2    | C10-731950-032            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 60°KEYWAY CRIMP FOR 35MM2 - ORANGE    |
| SLP I R B 50 C P S O2    | C10-731950-002            | 8.0MM SURLOK PLUS RECEPTACLE PANEL MOUNT SEALED WITH 60°KEYWAY CRIMP FOR 50MM2 - ORANGE    |

## SurLok Plus Selection Chart

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## SurLok Plus Selection Chart

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# SurLok Plus Selection Chart

| SurLok Plus™ EMI Version |                           |                                                                                   |
|--------------------------|---------------------------|-----------------------------------------------------------------------------------|
| AMPHENOL CATALOG PN      | AMPHENOL MANUFACTURING PN | DESCRIPTION                                                                       |
| SLPPB70BS00EH            | C10-738728-1700           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 90° Keyway - Orange  |
| SLPPB70BS01EH            | C10-738728-1701           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 270° Keyway - Orange |
| SLPPB70BS02EH            | C10-738728-1702           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 60° Keyway - Orange  |
| SLPPB70BS03EH            | C10-738728-1703           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 120° Keyway - Orange |
| SLPPB70BS04EH            | C10-738728-1704           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 150° Keyway - Orange |
| SLPPB70BSB0EH            | C10-738728-2700           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 90° Keyway - Black   |
| SLPPB70BSB1EH            | C10-738728-2701           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 270° Keyway - Black  |
| SLPPB70BSB2EH            | C10-738728-2702           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 60° Keyway - Black   |
| SLPPB70BSB3EH            | C10-738728-2703           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 120° Keyway - Black  |
| SLPPB70BSB4EH            | C10-738728-2704           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 150° Keyway - Black  |
| SLPPB70BSR0EH            | C10-738728-3700           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 90° Keyway - Red     |
| SLPPB70BSR1EH            | C10-738728-3701           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 270° Keyway - Red    |
| SLPPB70BSR2EH            | C10-738728-3702           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 60° Keyway - Red     |
| SLPPB70BSR3EH            | C10-738728-3703           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 120° Keyway - Red    |
| SLPPB70BSR4EH            | C10-738728-3704           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 70mm2, 150° Keyway - Red    |
| SLPPB50BS00EH            | C10-738728-1500           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 90° Keyway - Orange  |
| SLPPB50BS01EH            | C10-738728-1501           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 270° Keyway - Orange |
| SLPPB50BS02EH            | C10-738728-1502           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 60° Keyway - Orange  |
| SLPPB50BS03EH            | C10-738728-1503           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 120° Keyway - Orange |
| SLPPB50BS04EH            | C10-738728-1504           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 150° Keyway - Orange |
| SLPPB50BSB0EH            | C10-738728-2500           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 90° Keyway - Black   |
| SLPPB50BSB1EH            | C10-738728-2501           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 270° Keyway - Black  |
| SLPPB50BSB2EH            | C10-738728-2502           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 60° Keyway - Black   |
| SLPPB50BSB3EH            | C10-738728-2503           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 120° Keyway - Black  |
| SLPPB50BSB4EH            | C10-738728-2504           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 150° Keyway - Black  |
| SLPPB50BSR0EH            | C10-738728-3500           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 90° Keyway - Red     |
| SLPPB50BSR1EH            | C10-738728-3501           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 270° Keyway - Red    |
| SLPPB50BSR2EH            | C10-738728-3502           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 60° Keyway - Red     |
| SLPPB50BSR3EH            | C10-738728-3503           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 120° Keyway - Red    |
| SLPPB50BSR4EH            | C10-738728-3504           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 50mm2, 150° Keyway - Red    |
| SLPPB35BS00EH            | C10-738728-1300           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 90° Keyway - Orange  |
| SLPPB35BS01EH            | C10-738728-1301           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 270° Keyway - Orange |
| SLPPB35BS02EH            | C10-738728-1302           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 60° Keyway - Orange  |
| SLPPB35BS03EH            | C10-738728-1303           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 120° Keyway - Orange |
| SLPPB35BS04EH            | C10-738728-1304           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 150° Keyway - Orange |
| SLPPB35BSB0EH            | C10-738728-2300           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 90° Keyway - Black   |
| SLPPB35BSB1EH            | C10-738728-2301           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 270° Keyway - Black  |
| SLPPB35BSB2EH            | C10-738728-2302           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 60° Keyway - Black   |
| SLPPB35BSB3EH            | C10-738728-2303           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 120° Keyway - Black  |
| SLPPB35BSB4EH            | C10-738728-2304           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 150° Keyway - Black  |
| SLPPB35BSR0EH            | C10-738728-3300           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 90° Keyway - Red     |
| SLPPB35BSR1EH            | C10-738728-3301           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 270° Keyway - Red    |
| SLPPB35BSR2EH            | C10-738728-3302           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 60° Keyway - Red     |
| SLPPB35BSR3EH            | C10-738728-3303           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 120° Keyway - Red    |
| SLPPB35BSR4EH            | C10-738728-3304           | Surlok plus 8.0mm right angle Plug with EMI and HVIL, 35mm2, 150° Keyway - Red    |
| SLPIP70BS00EH            | C10-738727-1700           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 90° Keyway - Orange     |
| SLPIP70BS01EH            | C10-738727-1701           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 270° Keyway - Orange    |
| SLPIP70BS02EH            | C10-738727-1702           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 60° Keyway - Orange     |
| SLPIP70BS03EH            | C10-738727-1703           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 120° Keyway - Orange    |
| SLPIP70BS04EH            | C10-738727-1704           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 150° Keyway - Orange    |
| SLPIP70BSB0EH            | C10-738727-2700           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 90° Keyway - Black      |
| SLPIP70BSB1EH            | C10-738727-2701           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 270° Keyway - Black     |
| SLPIP70BSB2EH            | C10-738727-2702           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 60° Keyway - Black      |
| SLPIP70BSB3EH            | C10-738727-2703           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 120° Keyway - Black     |
| SLPIP70BSB4EH            | C10-738727-2704           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 150° Keyway - Black     |
| SLPIP70BSR0EH            | C10-738727-3700           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 90° Keyway - Red        |
| SLPIP70BSR1EH            | C10-738727-3701           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 270° Keyway - Red       |

# SurLok Plus Selection Chart

| SurLok Plus™ EMI Version |                           |                                                                                |
|--------------------------|---------------------------|--------------------------------------------------------------------------------|
| AMPHENOL CATALOG PN      | AMPHENOL MANUFACTURING PN | DESCRIPTION                                                                    |
| SLPIPB70BSR2EH           | C10-738727-3702           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 60° Keyway - Red     |
| SLPIPB70BSR3EH           | C10-738727-3703           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 120° Keyway - Red    |
| SLPIPB70BSR4EH           | C10-738727-3704           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 70mm2, 150° Keyway - Red    |
| SLPIPB50BS00EH           | C10-738727-1500           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 90° Keyway - Orange  |
| SLPIPB50BS01EH           | C10-738727-1501           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 270° Keyway - Orange |
| SLPIPB50BS02EH           | C10-738727-1502           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 60° Keyway - Orange  |
| SLPIPB50BS03EH           | C10-738727-1503           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 120° Keyway - Orange |
| SLPIPB50BS04EH           | C10-738727-1504           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 150° Keyway - Orange |
| SLPIPB50BSB0EH           | C10-738727-2500           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 90° Keyway - Black   |
| SLPIPB50BSB1EH           | C10-738727-2501           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 270° Keyway - Black  |
| SLPIPB50BSB2EH           | C10-738727-2502           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 60° Keyway - Black   |
| SLPIPB50BSB3EH           | C10-738727-2503           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 120° Keyway - Black  |
| SLPIPB50BSB4EH           | C10-738727-2504           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 150° Keyway - Black  |
| SLPIPB50BSR0EH           | C10-738727-3500           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 90° Keyway - Red     |
| SLPIPB50BSR1EH           | C10-738727-3501           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 270° Keyway - Red    |
| SLPIPB50BSR2EH           | C10-738727-3502           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 60° Keyway - Red     |
| SLPIPB50BSR3EH           | C10-738727-3503           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 120° Keyway - Red    |
| SLPIPB50BSR4EH           | C10-738727-3504           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 50mm2, 150° Keyway - Red    |
| SLPIPB35BS00EH           | C10-738727-1300           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 90° Keyway - Orange  |
| SLPIPB35BS01EH           | C10-738727-1301           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 270° Keyway - Orange |
| SLPIPB35BS02EH           | C10-738727-1302           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 60° Keyway - Orange  |
| SLPIPB35BS03EH           | C10-738727-1303           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 120° Keyway - Orange |
| SLPIPB35BS04EH           | C10-738727-1304           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 150° Keyway - Orange |
| SLPIPB35BSB0EH           | C10-738727-2300           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 90° Keyway - Black   |
| SLPIPB35BSB1EH           | C10-738727-2301           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 270° Keyway - Black  |
| SLPIPB35BSB2EH           | C10-738727-2302           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 60° Keyway - Black   |
| SLPIPB35BSB3EH           | C10-738727-2303           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 120° Keyway - Black  |
| SLPIPB35BSB4EH           | C10-738727-2304           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 150° Keyway - Black  |
| SLPIPB35BSR0EH           | C10-738727-3300           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 90° Keyway - Red     |
| SLPIPB35BSR1EH           | C10-738727-3301           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 270° Keyway - Red    |
| SLPIPB35BSR2EH           | C10-738727-3302           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 60° Keyway - Red     |
| SLPIPB35BSR3EH           | C10-738727-3303           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 120° Keyway - Red    |
| SLPIPB35BSR4EH           | C10-738727-3304           | Surlok plus 8.0mm Straight Plug with EMI and HVIL, 35mm2, 150° Keyway - Red    |
| SLPIRBBBS00EH            | C10-738726-1100           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 90° Keyway - Orange    |
| SLPIRBBBS01EH            | C10-738726-1101           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 270° Keyway - Orange   |
| SLPIRBBBS02EH            | C10-738726-1102           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 60° Keyway - Orange    |
| SLPIRBBBS03EH            | C10-738726-1103           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 120° Keyway - Orange   |
| SLPIRBBBS04EH            | C10-738726-1104           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 150° Keyway - Orange   |
| SLPIRBBBSB0EH            | C10-738726-2100           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 90° Keyway - Black     |
| SLPIRBBBSB1EH            | C10-738726-2101           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 270° Keyway - Black    |
| SLPIRBBBSB2EH            | C10-738726-2102           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 60° Keyway - Black     |
| SLPIRBBBSB3EH            | C10-738726-2103           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 120° Keyway - Black    |
| SLPIRBBBSB4EH            | C10-738726-2104           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 150° Keyway - Black    |
| SLPIRBBBSR0EH            | C10-738726-3100           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 90° Keyway - Red       |
| SLPIRBBBSR1EH            | C10-738726-3101           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 270° Keyway - Red      |
| SLPIRBBBSR2EH            | C10-738726-3102           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 60° Keyway - Red       |
| SLPIRBBBSR3EH            | C10-738726-3103           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 120° Keyway - Red      |
| SLPIRBBBSR4EH            | C10-738726-3104           | Surlok plus 8.0mm EMI& HVIL receptacle Busbar Terminal, 150° Keyway - Red      |

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