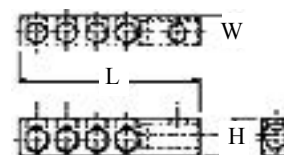


# STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE NSSM / NSM DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

600V



- **NSSM with patented Keyhole mounting.**
- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Offers fast, economical, reusable, dependable connections for right or left-hand installations.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- 105°C Rated black plastisol cover available.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.



NSSM



NSM



SLCC

### PATENTED

| Catalog Number |           | No. of<br>Cond. | Cond. Range | Trans.<br>Stud | H                   | W     | L      | Black<br>Plastisol<br>Cover |
|----------------|-----------|-----------------|-------------|----------------|---------------------|-------|--------|-----------------------------|
| Slip On        | Screw On  |                 | AWG         |                | Dimensions - Inches |       |        |                             |
|                |           |                 | MM2         |                | Dimensions - (mm)   |       |        |                             |
| NSSM250-2I     | NSM250-2I | 2               | 250-12      | 5/8-11         | 1.13                | 0.88  | 3.74   | SLCC2-250                   |
|                |           |                 | 120-4       |                | 28.70               | 22.35 | 95.00  |                             |
| NSSM250-3I     | NSM250-3I | 3               | 250-12      | 5/8-11         | 1.13                | 0.88  | 4.65   | SLCC4-250                   |
|                |           |                 | 120-4       |                | 28.70               | 22.35 | 118.11 |                             |
| NSSM250-4I     | NSM250-4I | 4               | 250-12      | 5/8-11         | 1.13                | 0.88  | 5.56   | SLCC4-250                   |
|                |           |                 | 120-4       |                | 28.70               | 22.35 | 141.22 |                             |
| NSSM250-6I     | NSM250-6I | 6               | 250-12      | 5/8-11         | 1.13                | 0.88  | 7.38   | SLCC6-250                   |
|                |           |                 | 120-4       |                | 28.70               | 22.35 | 187.45 |                             |
| NSSM250-8I     | NSM250-8I | 8               | 250-12      | 5/8-11         | 1.13                | 0.88  | 9.20   | SLCC8-250                   |
|                |           |                 | 120-4       |                | 28.70               | 22.35 | 233.68 |                             |
| NSSM350-2I     | NSM350-2I | 2               | 350-12      | 5/8-11         | 1.25                | 1.00  | 3.99   | SLCC2-350                   |
|                |           |                 | 185-4       |                | 35.05               | 25.40 | 101.35 |                             |
| NSSM350-3I     | NSM350-3I | 3               | 350-12      | 5/8-11         | 1.25                | 1.00  | 4.90   | SLCC4-350                   |
|                |           |                 | 185-4       |                | 35.05               | 25.40 | 124.46 |                             |
| NSSM350-4I     | NSM350-4I | 4               | 350-12      | 5/8-11         | 1.25                | 1.00  | 5.81   | SLCC4-350                   |
|                |           |                 | 185-4       |                | 35.05               | 25.40 | 147.57 |                             |
| NSSM350-6I     | NSM350-6I | 6               | 350-12      | 5/8-11         | 1.25                | 1.00  | 7.63   | SLCC6-350                   |
|                |           |                 | 185-4       |                | 35.05               | 25.40 | 193.80 |                             |
| NSSM350-8I     | NSM350-8I | 8               | 350-12      | 5/8-11         | 1.25                | 1.00  | 9.45   | SLCC8-350                   |
|                |           |                 | 185-4       |                | 35.05               | 25.40 | 240.03 |                             |

Slip-On  
Keyhole



Patented

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I". Street light tap available — add suffix "SL".  
For clear plastisol cover add suffix "C".*



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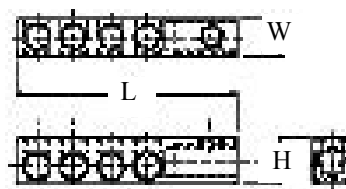
# STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE NSSM / NSM

### DUAL-RATED CONNECTORS

#### FOR ALUMINUM OR COPPER CONDUCTORS

600V



- **NSSM with patented Keyhole mounting.**
- Clear plated for low-contact resistance.
- Fully tested to ANSI C 119.4 for Class 'A' connectors.
- Offers fast, economical, reusable, and dependable connections for right or left-hand installations.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- 105°C Rated black plastisol cover available.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.



NSSM

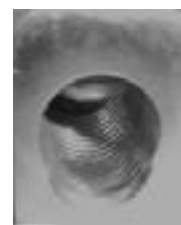


NSM

## PATENTED

| Catalog Number |           | No of<br>Cond. | Cond<br>Range | Trans.<br>Stud | H                   | W     | L      | Black<br>Plastisol<br>Cover |
|----------------|-----------|----------------|---------------|----------------|---------------------|-------|--------|-----------------------------|
| Slip On        | Screw On  |                | AWG           |                | Dimensions - Inches |       |        |                             |
|                |           |                | MM2           |                | Dimensions - (mm)   |       |        |                             |
| NSSM500-2I     | NSM500-2I | 2              | 500-10        | 1-14           | 1.75                | 1.38  | 4.45   | SLCC2-500                   |
|                |           |                | 240-4         |                | 44.5                | 35.05 | 113.03 |                             |
| NSSM500-3I     | NSM500-3I | 3              | 500-10        | 1-14           | 1.75                | 1.38  | 5.64   | SLCC4-500                   |
|                |           |                | 240-4         |                | 44.5                | 35.05 | 143.26 |                             |
| NSSM500-4I     | NSM500-4I | 4              | 500-10        | 1-14           | 1.75                | 1.38  | 6.83   | SLCC4-500                   |
|                |           |                | 240-4         |                | 44.5                | 35.05 | 173.48 |                             |
| NSSM500-6I     | NSM500-6I | 6              | 500-10        | 1-14           | 1.75                | 1.38  | 9.20   | SLCC6-500                   |
|                |           |                | 240-4         |                | 44.5                | 35.05 | 233.68 |                             |
| NSSM500-8I     | NSM500-8I | 8              | 500-10        | 1-14           | 1.75                | 1.38  | 11.57  | SLCC8-500                   |
|                |           |                | 240-4         |                | 44.5                | 35.05 | 293.88 |                             |
| NSSM750-2I     | NSM750-2I | 2              | 750-2         | 1-14           | 1.88                | 1.38  | 4.77   | SLCC2-750                   |
|                |           |                | 300-25        |                | 47.75               | 35.05 | 121.16 |                             |
| NSSM750-3I     | NSM750-3I | 3              | 750-2         | 1-14           | 1.88                | 1.38  | 6.08   | SLCC4-750                   |
|                |           |                | 300-25        |                | 47.75               | 35.05 | 154.43 |                             |
| NSSM750-4I     | NSM750-4I | 4              | 750-2         | 1-14           | 1.88                | 1.38  | 7.39   | SLCC4-750                   |
|                |           |                | 300-25        |                | 47.75               | 35.05 | 187.71 |                             |
| NSSM750-6I     | NSM750-6I | 6              | 750-2         | 1-14           | 1.88                | 1.38  | 10.01  | SLCC6-750                   |
|                |           |                | 300-25        |                | 47.75               | 35.05 | 254.25 |                             |
| NSSM750-8I     | NSM750-8I | 8              | 750-2         | 1-14           | 1.88                | 1.38  | 12.63  | SLCC8-750                   |
|                |           |                | 300-25        |                | 47.75               | 35.05 | 320.80 |                             |

Slip-On  
Keyhole



Patented

SLCC



*Note: Street light tap available — add suffix "SL" to catalog number. For clear plastisol cover add suffix "C".  
For omission of CO-OX oxide inhibitor delete suffix - "I". Add suffix "A" for 5/8-11 stud*



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# STUD-MOUNT TRANSFORMER CONNECTORS

## Allows left or right-hand mounting

### TYPE NSSC / NSC

#### Insulated Stud-Mount Connectors

#### DUAL-RATED CONNECTORS

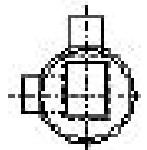
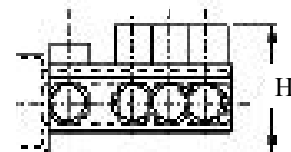
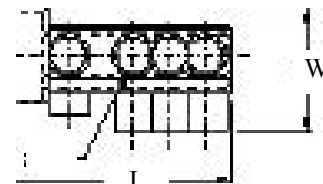
#### FOR ALUMINUM OR COPPER CONDUCTORS

*RUS Approved*

- **NSSC with patented with Keyhole mounting.**
- Injection-molded clear plastic cover insulating a NSSM or NSM connector.
- Injection-molded black rubber cover (NSSR/NSR series) available upon request. Consult factory for availability and minimum order quantities.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Offers fast, economical, reusable, dependable connections for right or left-hand installations.
- Supplied with radial-tipped set-screws.
- Clear plated for low-contact resistance.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

### PATENTED

| Catalog Number |           | No of<br>Cond. | Cond<br>Range | Trans.<br>Stud | H                   | W      | L      |
|----------------|-----------|----------------|---------------|----------------|---------------------|--------|--------|
| Slip On        | Screw On  |                | AWG           |                | Dimensions - Inches |        |        |
|                |           |                | MM2           |                | Dimensions - (mm)   |        |        |
| NSSC250-2I     | NSC250-2I |                | 2             |                | 250-12              | 5/8-11 | 3.17   |
|                |           | 120-4          |               | 80.52          | 80.52               |        | 130.3  |
| NSSC250-3I     | NSC250-3I | 3              | 250-12        | 5/8-11         | 3.17                | 3.17   | 6.04   |
|                |           |                | 120-4         |                | 80.52               | 80.52  | 153.42 |
| NSSC250-4I     | NSC250-4I | 4              | 250-12        | 5/8-11         | 3.17                | 3.17   | 6.95   |
|                |           |                | 120-4         |                | 80.52               | 80.52  | 176.53 |
| NSSC250-5I     | NSC250-5I | 5              | 250-12        | 5/8-11         | 3.17                | 3.17   | 7.86   |
|                |           |                | 120-4         |                | 80.52               | 80.52  | 199.64 |
| NSSC250-6I     | NSC250-6I | 6              | 250-12        | 5/8-11         | 3.17                | 3.17   | 8.77   |
|                |           |                | 120-4         |                | 80.52               | 80.52  | 222.76 |
| NSSC250-8I     | NSC250-8I | 8              | 250-12        | 5/8-11         | 3.17                | 3.17   | 10.59  |
|                |           |                | 120-4         |                | 80.52               | 80.52  | 268.99 |
| NSSC350-2I     | NSC350-2I | 2              | 350-12        | 5/8-11         | 3.17                | 3.17   | 5.13   |
|                |           |                | 185-4         |                | 80.52               | 80.52  | 130.3  |
| NSSC350-3I     | NSC350-3I | 3              | 350-12        | 5/8-11         | 3.17                | 3.17   | 6.04   |
|                |           |                | 185-4         |                | 80.52               | 80.52  | 153.42 |
| NSSC350-4I     | NSC350-4I | 4              | 350-12        | 5/8-11         | 3.17                | 3.17   | 6.95   |
|                |           |                | 185-4         |                | 185.4               | 185.4  | 273.6  |
| NSSC350-5I     | NSC350-5I | 5              | 350-12        | 5/8-11         | 3.17                | 3.17   | 7.86   |
|                |           |                | 185-4         |                | 185.4               | 185.4  | 199.64 |
| NSSC350-6I     | NSC350-6I | 6              | 350-12        | 5/8-11         | 3.17                | 3.17   | 8.77   |
|                |           |                | 185-4         |                | 80.52               | 80.52  | 222.76 |
| NSSC350-8I     | NSC350-8I | 8              | 350-12        | 5/8-11         | 3.17                | 3.17   | 10.59  |
|                |           |                | 185-4         |                | 80.52               | 80.52  | 268.99 |



*Note: Street light tap available by adding suffix "SL". For omission of CO-OX Inhibitor, delete suffix "I".*

# STUD-MOUNT TRANSFORMER CONNECTORS

**Allows left or right-hand mounting**

**TYPE RLS / RLSS**

600V

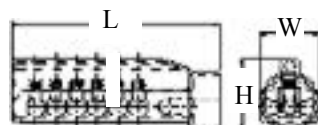
**Insulated Stud-Mounted Transformer Connectors**

*RUS Approved*

**DUAL-RATED CONNECTORS**

**FOR ALUMINUM OR COPPER CONDUCTORS**

- **RLSS with patented Keyhole mounting.**
- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with radial-tipped set-screws.
- Offers fast, economical, reusable, and dependable connections for right or left hand installations.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.



## PATENTED

| Catalog Number |           | No. of Cond. | Cond. Range | Trans. Stud | H                   | W    | L     |
|----------------|-----------|--------------|-------------|-------------|---------------------|------|-------|
| Slip On        | Screw On  |              | AWG         |             | Dimensions - Inches |      |       |
| RLSS350-2I     | RLS350-2I | 2            | 350-12      | 5/8-11      | 2.26                | 2.50 | 4.11  |
| RLSS350-4I     | RLS350-4I | 4            | 350-12      | 5/8-11      | 2.26                | 2.50 | 5.95  |
| RLSS350-6I     | RLS350-6I | 6            | 350-12      | 5/8-11      | 2.26                | 2.50 | 7.79  |
| RLSS350-8I     | RLS350-8I | 8            | 350-12      | 5/8-11      | 2.26                | 2.50 | 9.65  |
| *RLSS500-2I    | RLS500-2I | 2            | 500-10      | 1-14        | 2.73                | 3.00 | 4.59  |
| *RLSS500-4I    | RLS500-4I | 4            | 500-10      | 1-14        | 2.73                | 3.00 | 6.99  |
| *RLSS500-6I    | RLS500-6I | 6            | 500-10      | 1-14        | 2.73                | 3.00 | 9.39  |
| *RLSS500-8I    | RLS500-8I | 8            | 500-10      | 1-14        | 2.73                | 3.00 | 11.78 |
| *RLSS750-4I    | RLS750-4I | 4            | 750-2       | 1-14        | 2.95                | 4.91 | 9.28  |
| *RLSS750-6I    | RLS750-6I | 6            | 750-2       | 1-14        | 2.95                | 4.91 | 12.00 |
| *RLSS750-8I    | RLS750-8I | 8            | 750-2       | 1-14        | 2.95                | 4.91 | 14.73 |

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I".*

*Street light tap available — add suffix "SL" to catalog number.*

*\* Add suffix "A" for 5/8-11 stud*



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# STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE NUB

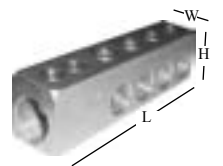
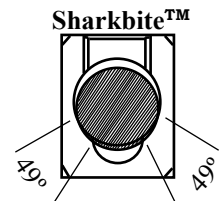
600V

### Slip-Fit with Patented Sharkbite™ Mount

- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Supplied with aluminum radial-tipped set screws.
- Includes inhibitor in all ports and stud-mounting hole.
- Patented two-in-one Sharkbite™ mounting hole feature allows the connector to fit on a 5/8" - 11 or 1" - 14 transformer stud. Both sizes fit in the same hole.
- Sharkbite™ mounting hole feature provides 10 times the surface area contact on the stud over traditional connectors.
- The Sharkbite™ feature also securely locks the connector onto the stud to eliminate wobble when installing the conductors.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- 105°C Rated black plastisol cover available.

### PATENTED

| Catalog Number | No. of Cond. | Cond. Range<br>AWG<br>MM2 | Trans. Stud       | H                   | W     | L      | Black<br>Plastisol<br>Cover |
|----------------|--------------|---------------------------|-------------------|---------------------|-------|--------|-----------------------------|
|                |              |                           |                   | Dimensions - Inches |       |        |                             |
|                |              |                           |                   | Dimensions - (mm)   |       |        |                             |
| NUB500-2I      | 2            | 500-10                    | 5/8-11 or<br>1-14 | 1.75                | 1.38  | 4.45   | SLCC2-500                   |
|                |              | 240-4                     |                   | 44.5                | 35.05 | 113.03 |                             |
| NUB500-3I      | 3            | 500-10                    | 5/8-11 or<br>1-14 | 1.75                | 1.38  | 5.64   | SLCC4-500                   |
|                |              | 240-4                     |                   | 44.5                | 35.05 | 143.26 |                             |
| NUB500-4I      | 4            | 500-10                    | 5/8-11 or<br>1-14 | 1.75                | 1.38  | 6.83   | SLCC4-500                   |
|                |              | 240-4                     |                   | 44.5                | 35.05 | 173.48 |                             |
| NUB500-6I      | 6            | 500-10                    | 5/8-11 or<br>1-14 | 1.75                | 1.38  | 9.20   | SLCC6-500                   |
|                |              | 240-4                     |                   | 44.5                | 35.05 | 233.68 |                             |
| NUB500-8I      | 8            | 500-10                    | 5/8-11 or<br>1-14 | 1.75                | 1.38  | 11.57  | SLCC8-500                   |
|                |              | 240-4                     |                   | 44.5                | 35.05 | 293.88 |                             |
| NUB750-2I      | 2            | 750-2                     | 5/8-11 or<br>1-14 | 1.88                | 1.38  | 4.77   | SLCC2-750                   |
|                |              | 300-25                    |                   | 44.5                | 35.05 | 121.16 |                             |
| NUB750-3I      | 3            | 750-2                     | 5/8-11 or<br>1-14 | 1.88                | 1.38  | 6.08   | SLCC4-750                   |
|                |              | 300-25                    |                   | 44.5                | 35.05 | 154.43 |                             |
| NUB750-4I      | 4            | 750-2                     | 5/8-11 or<br>1-14 | 1.88                | 1.38  | 7.39   | SLCC4-750                   |
|                |              | 300-25                    |                   | 44.5                | 35.05 | 187.71 |                             |
| NUB750-6I      | 6            | 750-2                     | 5/8-11 or<br>1-14 | 1.88                | 1.38  | 10.01  | SLCC6-750                   |
|                |              | 300-25                    |                   | 44.5                | 35.05 | 254.25 |                             |
| NUB750-8I      | 8            | 750-2                     | 5/8-11 or<br>1-14 | 1.88                | 1.38  | 12.63  | SLCC8-750                   |
|                |              | 300-25                    |                   | 44.5                | 35.05 | 320.80 |                             |



Note: Street light tap available — add suffix "SL" to catalog number.  
For omission of CO-OX oxide inhibitor

# STUD-MOUNT TRANSFORMER CONNECTORS

## Allows left or right-hand mounting

### TYPE **RLB**

#### Insulated Slip-Fit with Patented Sharkbite™ Mount

600V

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Supplied with aluminum radial-tipped set screws.
- Includes inhibitor in all ports and stud mounting hole.
- Patented two-in-one Sharkbite™ mounting hole feature allows the connector to fit on a 5/8" - 11 or 1" - 14 transformer stud. Both sizes fit in the same hole.
- The Sharkbite™ feature also securely locks the connector onto the stud to eliminate wobble when installing the conductors.

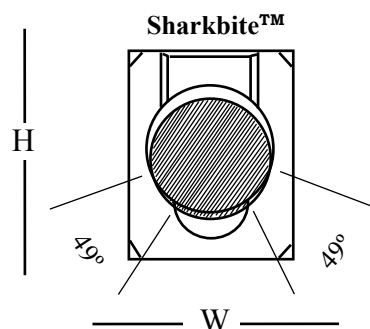
### PATENTED

| Catalog Number | No. of Cond. | Cond. Range AWG | Trans. Stud    | H                   | W    | L     |
|----------------|--------------|-----------------|----------------|---------------------|------|-------|
|                |              |                 |                | Dimensions - Inches |      |       |
| RLB500-4I      | 4            | 500-10          | 5/8-11 or 1-14 | 2.73                | 3.00 | 4.59  |
| RLB500-5I      | 5            | 500-10          | 5/8-11 or 1-14 | 2.73                | 3.00 | 6.99  |
| RLB500-6I      | 6            | 500-10          | 5/8-11 or 1-14 | 2.73                | 3.00 | 9.39  |
| RLB500-7I      | 7            | 500-10          | 5/8-11 or 1-14 | 2.73                | 3.00 | 10.59 |
| RLB500-8I      | 8            | 500-10          | 5/8-11 or 1-14 | 2.73                | 3.00 | 11.78 |

*Street light tap available - add suffix "SL" to catalog number.*

|           |   |       |                |      |      |       |
|-----------|---|-------|----------------|------|------|-------|
| RLB750-4I | 4 | 750-2 | 5/8-11 or 1-14 | 2.95 | 4.91 | 9.28  |
| RLB750-6I | 6 | 750-2 | 5/8-11 or 1-14 | 2.95 | 4.91 | 12.00 |
| RLB750-8I | 8 | 750-2 | 5/8-11 or 1-14 | 2.95 | 4.91 | 14.73 |

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I".*



# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

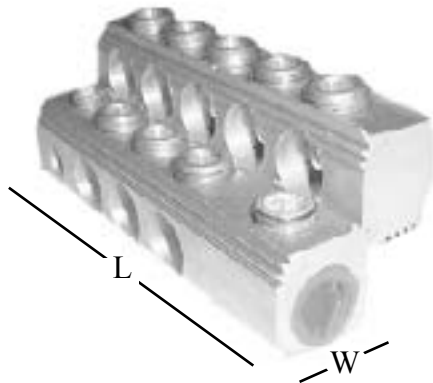
## TYPE SH (Slip Fit)

### Offset, Compact Secondary Transformer Stud Connectors with Patented Keyhole Mounting

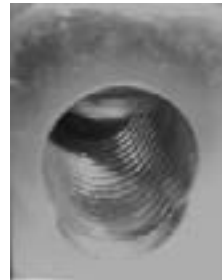
600V

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Street light port furnished as standard.
- Supplied with 6262-T9 alloy aluminum radial-tipped screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes inhibitor in all ports and stud-mounting hole.
- Fully tested to ANSI C119.4 for Class 'A' connectors.



Keyhole



Patented

#### PATENTED

#### For 5/8" Stud Only

| Catalog Number | Number of Outlets | Conductor Range | L                   | W    |
|----------------|-------------------|-----------------|---------------------|------|
|                |                   |                 | Dimensions - Inches |      |
| SH6-350SLXB    | 6                 | 350-12          | 4.24                | 2.12 |
| SH8-350SLXB    | 8                 | 350-12          | 5.32                | 2.12 |

Notes: For right-hand mounting add suffix "R".  
Street light range - 10-1/0  
For omission of co-ox oxide inhibitor, delete suffix "XB".



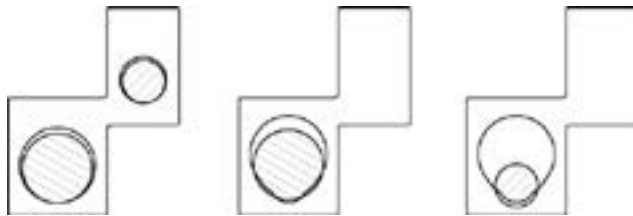
# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE SHB (Quick Disconnect)

### Offset, Compact Secondary Transformer Stud Connectors with Sharkbite™ Features.

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

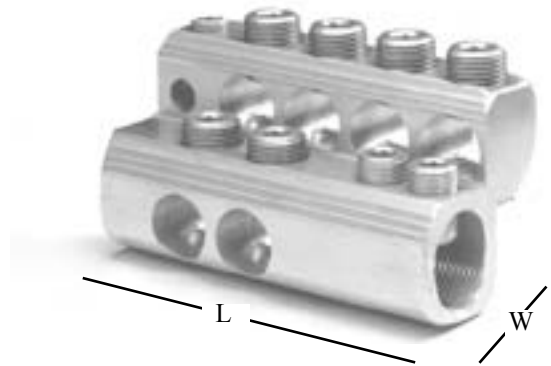
- Street light port furnished as standard.
- Supplied with aluminum radial-tipped screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes inhibitor in all ports and stud-mounting hole.
- Patented Two-In-One Shark-Bite™ mounting hole feature allows the connector to fit on a 5/8"-11 or 1"-14 transformer stud. Both stud sizes fit in the same hole.
- Shark-Bite™ mounting hole feature provides 10 times the surface area contact on the stud over traditional connectors.
- The Shark-Bite™ feature also securely locks the connector onto the stud to eliminate wobble when installing the conductors.
- Fully tested to ANSI C119.4 for Class 'A' connectors.



**Industry Standard**  
Slip Fit Design  
3% Contact Area

**Shark-Bite™ with**  
1" Stud Seated  
31% Contact Area

**Shark-Bite™ with**  
5/8" Stud Seated  
22% Contact Area



#### PATENTED

| Catalog Number | Number of Outlets | Conductor Range | L                   | W    |
|----------------|-------------------|-----------------|---------------------|------|
|                |                   |                 | Dimensions - Inches |      |
| SHB6-350SLXB   | 6                 | 350-12          | 5.23                | 2.73 |
| SHB8-350SLXB   | 8                 | 350-12          | 6.31                | 2.73 |
| SHB10-350SLXB  | 10                | 350-12          | 7.39                | 2.73 |
| SHB6-500SLXB   | 6                 | 500-10          | 5.23                | 2.73 |
| SHB8-500SLXB   | 8                 | 500-10          | 6.31                | 2.73 |
| SHB10-500SLXB  | 10                | 500-10          | 7.39                | 2.73 |
| SHB12-500SLXB  | 12                | 500-10          | 8.47                | 2.73 |

*Notes: For right-hand mounting, add suffix "R".  
Street light range - 1/0-10  
For omission of co-ox oxide inhibitor, delete suffix "XB".*



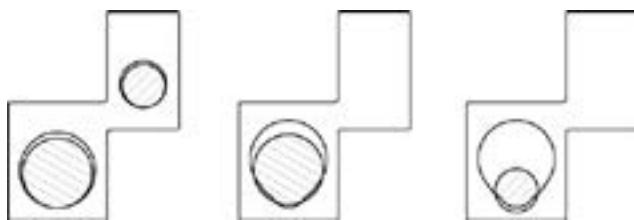
# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE SH-C / SHB-C (Quick Disconnect)

### Clear Insulated Offset, Compact Secondary Transformer Stud Connectors

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

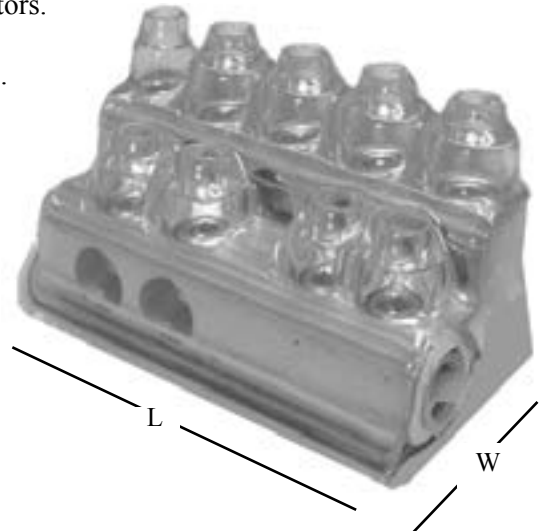
- Clear PVC cover molded around connector.
- Patented Keyhole or Shark Bite™ mounting hole feature provides 10 times the surface contact on the stud over traditional connectors.
- Eliminates connector wobble when installing connectors.
- Fabricated from 6061-T6 aluminum alloy.
- Fully tested to ANSI C119.4 for Class 'A' connectors.



**Industry Standard**  
Slip Fit Design  
3% Contact Area

**Shark-Bite™ with**  
1" Stud Seated  
31% Contact Area

**Shark-Bite™ with**  
5/8" Stud Seated  
22% Contact Area



#### PATENTED

#### Keyhole Mounting For 5/8" Stud

| Catalog Number | Number of Outlets | Conductor Range | L                   | W    |
|----------------|-------------------|-----------------|---------------------|------|
|                |                   |                 | Dimensions - Inches |      |
| SH6-350SLCXB   | 6                 | 350-12          | 4.24                | 2.12 |
| SH8-350SLCXB   | 8                 | 350-12          | 5.32                | 2.12 |
| SH10-350SLCXB  | 10                | 350-12          | 6.4                 | 2.12 |

#### Two-In-One For Both 5/8" and 1" Stud

| Catalog Number | Number of Outlets | Conductor Range | L                   | W    |
|----------------|-------------------|-----------------|---------------------|------|
|                |                   |                 | Dimensions - Inches |      |
| SHB6-350SLCXB  | 6                 | 350-12          | 5.23                | 2.73 |
| SHB8-350SLCXB  | 8                 | 350-12          | 6.31                | 2.73 |
| SHB10-350SLCXB | 10                | 350-12          | 7.39                | 2.73 |
| SHB6-500SLCXB  | 6                 | 500-10          | 5.23                | 2.73 |
| SHB8-500SLCXB  | 8                 | 500-10          | 6.31                | 2.73 |
| SHB10-500SLCXB | 10                | 500-10          | 7.39                | 2.73 |
| SHB12-500SLCXB | 12                | 500-10          | 10.00               | 3.00 |

*Notes: For right-handed mounting add suffix "R" street light range 10-1/0  
For omission of co-ox oxide inhibitor, delete suffix "XB".*

# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE ZQU8-500SLGRCI (Slip Fit)

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

600V

One connector fits all your Z-Bar installations!

- Clear injection-molded PVC encapsulation provides superior insulation
- Patented universal stud hole design fits either 5/8" or 1" studs
- Dual rated for both copper and aluminum conductor, range taking from 500 KCMIL to 6
- Right-Hand Installation
- Clear plated for low-contact resistance
- Fully tested to ANSI 119.4 for Class 'A' Connectors
- Supplied with aluminum radial-tipped set screw.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole
- Each unit individually wrapped and labeled for ease of identification and cleanliness
- For installation, CMC® recommends the use of a 9" insulated Allen wrench

### UNIVERSAL For 5/8" and 1" Studs Only

| Catalog Number                                                          | No. of Cond.             | Cond. Range<br>AWG<br>MM2 | Trans. Stud | H                   | W     | L      |
|-------------------------------------------------------------------------|--------------------------|---------------------------|-------------|---------------------|-------|--------|
|                                                                         |                          |                           |             | Dimensions - Inches |       |        |
|                                                                         |                          |                           |             | Dimensions - (mm)   |       |        |
| ZQU8-500SLGRCI<br>Insulated                                             | 8                        | 500 - 6<br>240 - 16       | UNIV.       | 3.38                | 3.50  | 7.00   |
|                                                                         | 2*                       | 1/0 - 10<br>55 - 6        |             | 85.73               | 88.90 | 177.80 |
| ZQU8-500SLGRI<br>Bare Bar                                               | 8                        | 500 - 6<br>240 - 16       | UNIV.       | 2.88                | 2.38  | 6.75   |
|                                                                         | 2*                       | 1/0 - 10<br>55 - 6        |             | 73.15               | 60.45 | 171.45 |
| K-0120I<br><br>Kit Includes:<br>2 - ZQU8-500SLGRCI<br>1 - ZQU8-500SLGRI | Information listed above |                           |             |                     |       |        |

Notes: \* Streetlight/Ground Tap. For omission of co-ox oxide inhibitor, delete suffix "I".

ZQU8-500SLGRCI



ZQU8-500SLGRI



# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE ZQ (Slip Fit)

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

600V

- Fully tested to ANSI C119.4 for Class "A" connectors.
- Supplied with aluminum radial-tipped set-screws.
- 105°C Rated clear plastisol cover available.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog<br>Number | No. of<br>Cond. | Cond. Range<br>AWG<br>MM2 | Trans.<br>Stud | H                   | W | L | Plastisol<br>Cover |
|-------------------|-----------------|---------------------------|----------------|---------------------|---|---|--------------------|
|                   |                 |                           |                | Dimensions - Inches |   |   |                    |
|                   |                 |                           |                | Dimensions - (mm)   |   |   |                    |

### UNIVERSAL For 5/8" and 1" Studs Only

|             |   |        |       |       |       |        |       |
|-------------|---|--------|-------|-------|-------|--------|-------|
| ZQU6-350SLI | 6 | 350-12 | UNIV. | 2.88  | 2.38  | 5.13   | ZLC-3 |
|             |   | 185-4  |       | 73.15 | 60.45 | 130.30 |       |
| ZQU8-350SLI | 8 | 350-12 | UNIV. | 2.88  | 2.38  | 6.04   | ZLC-4 |
|             |   | 185-4  |       | 73.15 | 60.45 | 154.69 |       |
| ZQU6-500SLI | 6 | 500-10 | UNIV. | 2.88  | 2.38  | 5.63   | ZLC-4 |
|             |   | 240-4  |       | 73.15 | 60.45 | 143    |       |
| ZQU8-500SLI | 8 | 500-10 | UNIV. | 2.88  | 2.38  | 6.75   | ZLC-5 |
|             |   | 240-4  |       | 73.15 | 60.45 | 171.45 |       |

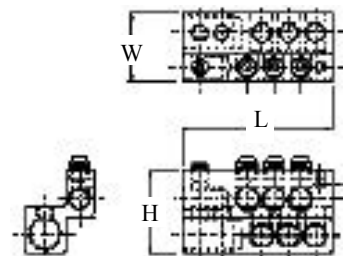
### For 5/8" Studs Only

|             |   |        |        |       |       |        |       |
|-------------|---|--------|--------|-------|-------|--------|-------|
| ZQ6-350SLI  | 6 | 350-12 | 5/8-11 | 2.38  | 2.00  | 4.25   | ZLC-1 |
|             |   | 185-4  |        | 60.45 | 50.80 | 107.95 |       |
| ZQ8-350SLI  | 8 | 350-12 | 5/8-11 | 2.38  | 2.00  | 5.16   | ZLC-2 |
|             |   | 185-4  |        | 60.45 | 50.80 | 131.06 |       |
| ZQ6-500ASLI | 6 | 500-10 | 5/8-11 | 2.88  | 2.38  | 5.13   | ZLC-4 |
|             |   | 185-4  |        | 73.15 | 60.45 | 130.30 |       |
| ZQ8-500ASLI | 8 | 500-10 | 5/8-11 | 2.88  | 2.38  | 6.25   | ZLC-5 |
|             |   | 185-4  |        | 73.15 | 60.45 | 158.75 |       |

### For 1" Studs Only

|             |   |        |      |       |       |        |       |
|-------------|---|--------|------|-------|-------|--------|-------|
| ZQ6-350BSLI | 6 | 350-12 | 1-14 | 2.38  | 2.00  | 4.25   | ZLC-1 |
|             |   | 185-4  |      | 60.45 | 50.80 | 107.95 |       |
| ZQ8-350BSLI | 8 | 350-12 | 1-14 | 2.38  | 2.00  | 5.16   | ZLC-2 |
|             |   | 185-4  |      | 60.45 | 50.80 | 131.06 |       |
| ZQ6-500SLI  | 6 | 500-10 | 1-14 | 2.88  | 2.38  | 5.13   | ZLC-4 |
|             |   | 185-4  |      | 73.15 | 60.45 | 130.30 |       |
| ZQ8-500SLI  | 8 | 500-10 | 1-14 | 2.88  | 2.38  | 6.25   | ZLC-5 |
|             |   | 185-4  |      | 73.15 | 60.45 | 158.75 |       |

Notes: For right-hand mounting, add suffix "R".  
For omission of co-ox oxide inhibitor, delete suffix "I".



# SPACE-SAVER TRANSFORMER CONNECTORS

## TYPE ZS (Screw On)

DUAL-RATED CONNECTORS

FOR ALUMINUM OR COPPER CONDUCTORS

- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of an insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.
- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial-tipped set screws.
- 105°C Rated clear plastisol cover available.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.

| Catalog Number | No. of Cond. | Cond. Range<br>AWG<br>MM2 | Trans. Stud | H                   | W | L | Plastisol Cover |
|----------------|--------------|---------------------------|-------------|---------------------|---|---|-----------------|
|                |              |                           |             | Dimensions - Inches |   |   |                 |
|                |              |                           |             | Dimensions - (mm)   |   |   |                 |

### UNIVERSAL For 5/8" and 1" Studs

|             |   |        |       |       |       |        |       |
|-------------|---|--------|-------|-------|-------|--------|-------|
| ZSU6-350SLI | 6 | 350-12 | UNIV. | 2.88  | 2.38  | 5.13   | ZLC-3 |
|             |   | 185-4  |       | 73.15 | 60.45 | 130.30 |       |
| ZSU8-350SLI | 8 | 350-12 | UNIV. | 2.88  | 2.38  | 6.04   | ZLC-4 |
|             |   | 185-4  |       | 73.15 | 60.45 | 154.69 |       |
| ZSU6-500SLI | 6 | 500-12 | UNIV. | 2.88  | 2.38  | 5.63   | ZLC-4 |
|             |   | 240-4  |       | 73.15 | 60.45 | 143    |       |
| ZSU8-500SLI | 8 | 500-10 | UNIV. | 2.88  | 2.38  | 6.75   | ZLC-5 |
|             |   | 240-4  |       | 73.15 | 60.45 | 171.45 |       |

### For 5/8" Studs Only

|             |   |        |        |       |       |        |       |
|-------------|---|--------|--------|-------|-------|--------|-------|
| ZS6-350SLI  | 6 | 350-12 | 5/8-11 | 2.38  | 2.00  | 4.25   | ZLC-1 |
|             |   | 185-4  |        | 60.45 | 50.80 | 107.95 |       |
| ZS8-350SLI  | 8 | 350-12 | 5/8-11 | 2.38  | 2.00  | 5.16   | ZLC-2 |
|             |   | 185-4  |        | 60.45 | 50.80 | 131.06 |       |
| ZS6-500ASLI | 6 | 500-10 | 5/8-11 | 2.88  | 2.38  | 5.13   | ZLC-4 |
|             |   | 185-4  |        | 73.15 | 60.45 | 130.30 |       |
| ZS8-500ASLI | 8 | 500-10 | 5/8-11 | 2.88  | 2.38  | 6.25   | ZLC-5 |
|             |   | 185-4  |        | 73.15 | 60.45 | 158.75 |       |

### For 1" Studs Only

|             |   |        |      |       |       |        |       |
|-------------|---|--------|------|-------|-------|--------|-------|
| ZS6-350BSLI | 6 | 350-12 | 1-14 | 2.38  | 2.00  | 4.25   | ZLC-1 |
|             |   | 185-4  |      | 60.45 | 50.80 | 107.95 |       |
| ZS8-350BSLI | 8 | 350-12 | 1-14 | 2.38  | 2.00  | 5.16   | ZLC-4 |
|             |   | 185-4  |      | 60.45 | 50.80 | 131.06 |       |
| ZS6-500SLI  | 6 | 500-10 | 1-14 | 2.88  | 2.38  | 5.13   | ZLC-4 |
|             |   | 185-4  |      | 73.15 | 60.45 | 130.30 |       |
| ZS8-500SLI  | 8 | 500-10 | 1-14 | 2.88  | 2.38  | 6.25   | ZLC-5 |
|             |   | 185-4  |      | 73.15 | 60.45 | 158.75 |       |

Note: For omission of CO-OX oxide inhibitor delete suffix - "I".



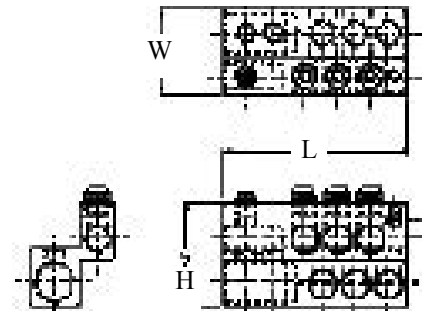
ZSU Series



ZS Series



ZLC



Other sizes available. Please contact factory for more details.

# STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE ZQ-C / ZQU-C and ZS-C / ZSU-C Space-Saver Transformer Connectors

600V

### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear plated for low-contact resistance.
- Fully tested to ANSI 119.4 for Class 'A' Connectors.
- Supplied with aluminum radial-tipped set screw.
- 105°C Rated clear plastisol slip-on cover.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.



### Universal for 5/8 and 1" Studs

| Catalog Number |              | No. of Cond. | Cond. Range | Trans Stud | H                   | W     | L      |
|----------------|--------------|--------------|-------------|------------|---------------------|-------|--------|
| Slip-On        | Screw-On     |              | AWG         |            | Dimensions - Inches |       |        |
|                |              |              | MM2         |            | Dimensions - (mm)   |       |        |
| ZQU8-350SLCI   | ZSU8350SLCI  | 8            | 350-12      | UNIV       | 3.50                | 3.25  | 7.07   |
|                |              |              | 185-4       |            | 88.90               | 82.55 | 179.58 |
| ZQU6-500SLCI   | ZSU6-500SLCI | 6            | 500-10      | UNIV       | 3.50                | 3.25  | 6.63   |
|                |              |              | 240-4       |            | 88.90               | 82.55 | 168.40 |
| ZQU8-500SLCI   | ZSU8-500SLCI | 8            | 500-10      | UNIV       | 3.50                | 3.25  | 7.75   |
|                |              |              | 240-4       |            | 88.90               | 82.55 | 196.85 |

### For 5/8" Stud Only

|             |             |   |        |     |       |       |        |
|-------------|-------------|---|--------|-----|-------|-------|--------|
| ZQ6-350SLCI | ZS6-350SLCI | 6 | 350-12 | 5/8 | 3.50  | 3.00  | 5.25   |
|             |             |   | 185-4  |     | 88.90 | 76.20 | 133.35 |
| ZQ8-350SLCI | ZS8-350SLCI | 8 | 350-12 | 5/8 | 3.50  | 3.00  | 6.16   |
|             |             |   | 185-4  |     | 88.90 | 76.20 | 156.48 |

### For 1" Stud Only

|             |             |   |        |   |       |       |        |
|-------------|-------------|---|--------|---|-------|-------|--------|
| ZQ6-500SLCI | ZS6-500SLCI | 6 | 500-10 | 1 | 3.50  | 3.25  | 6.63   |
|             |             |   | 240-4  |   | 88.90 | 82.55 | 168.40 |
| ZQ8-500SLCI | ZS8-500SLCI | 8 | 500-10 | 1 | 3.50  | 3.00  | 7.25   |
|             |             |   | 240-4  |   | 88.90 | 76.20 | 184.15 |

Note: For omission of CO-OX inhibitor delete suffix - "I". Right handed option available.

Other sizes available. Please contact factory for more details.

# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

## Allows left or right-hand mounting

### TYPE USSM / USM

600V

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Designed to reduce cantilever stress on the bushing by 50% and increase available safe space.
- Clear plated for low-contact resistance.
- Allows left or right-hand installation
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Offers fast, economical, reusable, dependable connections for right or left-hand installations.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- 105°C Rated clear plastisol cover available.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- For use on both 5/8" and 1" studs in screw-on and quick-disconnect models.

USSM Series



USM Series



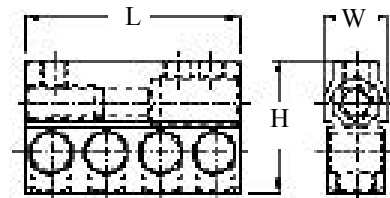
USLC



| Catalog Number |           | No. of<br>Cond. | Cond.<br>Range<br>AWG<br>MM2 | Trans.<br>Stud | H                   | W     | L      | Plastisol<br>Cover |
|----------------|-----------|-----------------|------------------------------|----------------|---------------------|-------|--------|--------------------|
| Slip On        | Screw On  |                 |                              |                | Dimensions - Inches |       |        |                    |
|                |           |                 |                              |                | Dimensions - (mm)   |       |        |                    |
| USSM350-4I     | USM350-4I | 4               | 350-12                       | UNIV.          | 2.88                | 1.25  | 4.66   | USLC2              |
|                |           |                 | 185-4                        |                | 73.15               | 31.75 | 118.36 |                    |
| USSM350-6I     | USM350-6I | 6               | 350-12                       | UNIV.          | 2.88                | 1.25  | 7.04   | USLC4              |
|                |           |                 | 185-4                        |                | 73.15               | 31.75 | 178.82 |                    |
| USSM350-8I     | USM350-8I | 8               | 350-12                       | UNIV.          | 2.88                | 1.25  | 9.41   | USLC6              |
|                |           |                 | 185-4                        |                | 73.15               | 31.75 | 239.01 |                    |
| USSM500-4I     | USM500-4I | 4               | 500-10                       | UNIV.          | 2.88                | 1.25  | 4.66   | USLC2              |
|                |           |                 | 240-4                        |                | 73.15               | 31.75 | 118.36 |                    |
| USSM500-6I     | USM500-6I | 6               | 500-10                       | UNIV.          | 2.88                | 1.25  | 7.04   | USLC4              |
|                |           |                 | 240-4                        |                | 73.15               | 31.75 | 178.82 |                    |
| USSM500-8I     | USM500-8I | 8               | 500-10                       | UNIV.          | 2.88                | 1.25  | 9.41   | USLC6              |
|                |           |                 | 240-4                        |                | 73.15               | 31.75 | 239.01 |                    |

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I".  
Street light tap available — add suffix "SL" to catalog number.  
Right handed option available.*

Other sizes available. Please contact factory for more details.





# SPACE-SAVER STUD-MOUNT TRANSFORMER CONNECTORS

600V

## TYPE RLUSS / RLUS

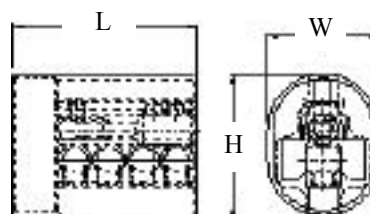
DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

*RUS Approved*

- Clear plated for low-contact resistance.
- Allows left or right-hand installation.
- Fully tested to ANSI C119.4 for Class 'A' connector.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- 105°C Rated clear plastisol cover.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of an insulated Allen wrench.
- A torque wrnch should be used to ensure the proper torque is achieved.
- Designed to reduce cantilever stress on the busing by 50% and increase available safe space.
- For use on both 5/8" and 1" studs in screw-on and quick-disconnect models.

| Catalog Number |            | No. of Cond. | Cond. Range AWG | Trans. Stud | H                   | W    | L     |
|----------------|------------|--------------|-----------------|-------------|---------------------|------|-------|
| Slip On        | Screw On   |              |                 |             | Dimensions - Inches |      |       |
| RLUSS350-4I    | RLUS350-4I | 4            | 350-12          | UNIV.       | 4.60                | 2.88 | 5.56  |
| RLUSS350-6I    | RLUS350-6I | 6            | 350-12          | UNIV.       | 4.60                | 2.88 | 6.65  |
| RLUSS350-8I    | RLUS350-8I | 8            | 350-12          | UNIV.       | 4.60                | 2.88 | 9.74  |
| RLUSS500-4I    | RLUS500-4I | 4            | 500-10          | UNIV.       | 4.60                | 2.88 | 6.24  |
| RLUSS500-6I    | RLUS500-6I | 6            | 500-10          | UNIV.       | 4.60                | 2.88 | 8.66  |
| RLUSS500-8I    | RLUS500-8I | 8            | 500-10          | UNIV.       | 4.60                | 2.88 | 11.10 |

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I".  
Street light tap available — add suffix "SL" to catalog number.*





# SPACE-SAVERS STUD-MOUNT TRANSFORMER CONNECTORS

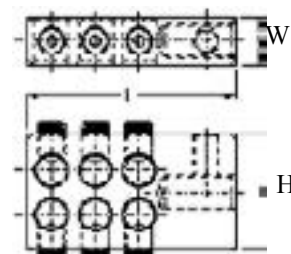
## TYPE **DQ / DS / SDQ / SDS**

600V

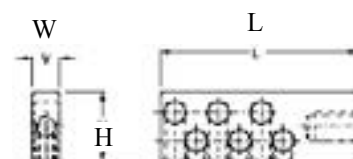
### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Offers fast, economical, reusable, and dependable connections.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number |           | No. of<br>Cond. | Cond.<br>Range | Trans.<br>Stud | H                        | W     | L      |
|----------------|-----------|-----------------|----------------|----------------|--------------------------|-------|--------|
| Slip On        | Screw On  |                 |                |                | Dimensions - Inches      |       |        |
|                |           |                 |                |                | <i>Dimensions - (mm)</i> |       |        |
| DQ6-250I       | DS6-250I  | 6               | 250-12         | 5/8-11         | 2.00                     | 1.00  | 4.25   |
|                |           |                 |                |                | 50.80                    | 25.40 | 107.95 |
| DQ8-250I       | DS8-250I  | 8               | 250-12         | 5/8-11         | 2.00                     | 1.00  | 5.00   |
|                |           |                 |                |                | 540.8                    | 25.40 | 127.00 |
| DQ6-350I       | DS6-350I  | 6               | 350-12         | 5/8-11         | 2.50                     | 1.25  | 4.75   |
|                |           |                 |                |                | 63.5                     | 31.75 | 120.65 |
| DQ8-350I       | DS8-350I  | 8               | 350-12         | 5/8-11         | 2.50                     | 1.25  | 4.75   |
|                |           |                 |                |                | 63.5                     | 31.75 | 120.65 |
| SDQ350-4I      | SDS350-4I | 4               | 350-12         | 5/8-11         | 2.50                     | 1.38  | 5.55   |
|                |           |                 |                |                | 63.5                     | 35.01 | 140.97 |
| SDQ350-6I      | SDS350-6I | 6               | 350-12         | 5/8-11         | 2.50                     | 1.38  | 7.05   |
|                |           |                 |                |                | 63.5                     | 35.01 | 179.97 |
| SDQ350-8I      | SDS350-8I | 8               | 350-12         | 5/8-11         | 2.50                     | 1.38  | 8.55   |
|                |           |                 |                |                | 63.5                     | 35.01 | 217.17 |
| SDQ500-4I      | SDS500-4I | 4               | 500-10         | 1-14           | 2.50                     | 1.38  | 6.20   |
|                |           |                 |                |                | 63.5                     | 25.05 | 157.05 |
| SDQ500-6I      | SDS500-6I | 6               | 500-10         | 1-14           | 2.50                     | 1.38  | 8.07   |
|                |           |                 |                |                | 63.5                     | 35.01 | 204.45 |



Type SDQ



Note: For omission of CO-OX oxide inhibitor delete suffix - "I".  
Street light tap available — add suffix "SL" to catalog number

# STUD-MOUNT TRANSFORMER CONNECTORS

## TYPE NSA

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

## UNI-JOINT

600V

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes and stud-mounting hole.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrnch should be used to ensure the proper torque is achieved.

| Catalog Number | Fig. No. | No. of Cond. | Cond. Range AWG | Trans. Stud | H                   | W    | L     | Cover     |
|----------------|----------|--------------|-----------------|-------------|---------------------|------|-------|-----------|
|                |          |              |                 |             | Dimensions - Inches |      |       |           |
| *NSA350-4I     | 1        | 4            | 350-12          | 5/8-11      | 1.38                | 1.00 | 6.18  | NSAC350-7 |
| *NSA350-6I     | 1        | 6            | 350-12          | 5/8-11      | 1.38                | 1.00 | 8.06  |           |
| *NSA350-8I     | 1        | 8            | 350-12          | 5/8-11      | 1.38                | 1.00 | 9.94  |           |
| NSA500-4I      | 1        | 4            | 500-10          | 1-14        | 1.63                | 1.38 | 6.87  | NSAC500-8 |
| NSA500-6I      | 1        | 6            | 500-10          | 1-14        | 1.63                | 1.38 | 8.75  |           |
| NSA500-8I      | 1        | 8            | 500-10          | 1-14        | 1.63                | 1.38 | 10.63 |           |
|                |          |              |                 |             |                     |      |       |           |
| SMA-62         | 2        | -            | -               | 5/8-11      | 1.50                | 1.25 | 1.56  | N/A       |
| SMA-114        | 2        | -            | -               | 1-14        | 1.50                | 1.25 | 1.56  |           |

*Note: For omission of CO-OX oxide inhibitor in bar delete suffix - "I".*

*Right handed option available.*

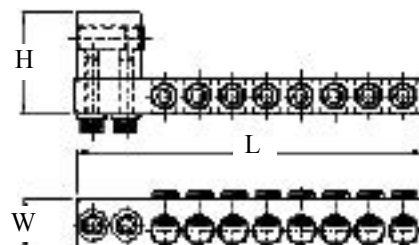
\* Add suffix B for 1-14 transformer stud adapter.



Figure 1



Figure 2



# NEMA MOUNTING TRANSFORMER CONNECTORS

## TYPE NNM

600V

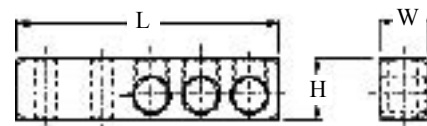
### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

| Catalog Number | No. of Cond. | Cond. Range AWG MM2 | Mtg. Hole | H                   | W     | L      |
|----------------|--------------|---------------------|-----------|---------------------|-------|--------|
|                |              |                     |           | Dimensions - Inches |       |        |
|                |              |                     |           | Dimensions - (mm)   |       |        |
| NNM250-3I      | 3            | 250-12              | 0.56      | 1.13                | 0.88  | 5.78   |
|                |              | 120-4               | 14.30     | 28.70               | 22.35 | 146.81 |
| NNM250-4I      | 4            | 250-12              | 0.56      | 1.13                | 0.88  | 6.65   |
|                |              | 120-4               | 14.30     | 28.70               | 22.35 | 168.91 |
| NNM250-6I      | 6            | 250-12              | 0.56      | 1.13                | 0.88  | 8.41   |
|                |              | 120-4               | 14.30     | 28.70               | 22.35 | 213.61 |
| NNM250-8I      | 8            | 250-12              | 0.56      | 1.13                | 0.88  | 10.16  |
|                |              | 120-4               | 14.30     | 28.70               | 22.35 | 258.06 |
| NNM350-3I      | 3            | 350-12              | 0.56      | 1.25                | 1.00  | 6.02   |
|                |              | 185-4               | 14.30     | 35.05               | 25.40 | 152.91 |
| NNM350-4I      | 4            | 350-12              | 0.56      | 1.25                | 1.00  | 6.93   |
|                |              | 185-4               | 14.30     | 35.05               | 25.40 | 176.02 |
| NNM350-6I      | 6            | 350-12              | 0.56      | 1.25                | 1.00  | 8.75   |
|                |              | 185-4               | 14.30     | 35.05               | 25.40 | 222.25 |
| NNM350-8I      | 8            | 350-12              | 0.56      | 1.25                | 1.00  | 10.57  |
|                |              | 185-4               | 14.30     | 35.05               | 25.40 | 268.48 |
| NNM500-3I      | 3            | 500-10              | 0.56      | 1.63                | 1.00  | 6.71   |
|                |              | 240-4               | 14.30     | 41.40               | 25.40 | 170.43 |
| NNM500-4I      | 4            | 500-10              | 0.56      | 1.63                | 1.00  | 7.9    |
|                |              | 240-4               | 14.30     | 41.40               | 25.40 | 200.66 |
| NNM500-6I      | 6            | 500-10              | 0.56      | 1.63                | 1.00  | 10.28  |
|                |              | 240-4               | 14.30     | 41.40               | 25.40 | 261.11 |
| NNM500-8I      | 8            | 500-10              | 0.56      | 1.63                | 1.00  | 12.65  |
|                |              | 240-4               | 14.30     | 41.40               | 25.40 | 321.31 |
| NNM750-3I      | 3            | 750-2               | 0.56      | 1.75                | 1.38  | 7.28   |
|                |              | 300-25              | 14.30     | 44.45               | 35.05 | 184.91 |
| NNM750-4I      | 4            | 750-2               | 0.56      | 1.75                | 1.38  | 8.59   |
|                |              | 300-25              | 14.30     | 44.45               | 35.05 | 218.19 |
| NNM750-6I      | 6            | 750-2               | 0.56      | 1.75                | 1.38  | 11.21  |
|                |              | 300-25              | 14.30     | 44.45               | 35.05 | 284.73 |
| NNM750-8I      | 8            | 750-2               | 0.56      | 1.75                | 1.38  | 13.83  |
|                |              | 300-25              | 14.30     | 44.45               | 35.05 | 351.28 |

Note: For omission of CO-OX oxide inhibitor, delete suffix - "I".

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

NEMA Spaced 1.75"  
Mounting Holes

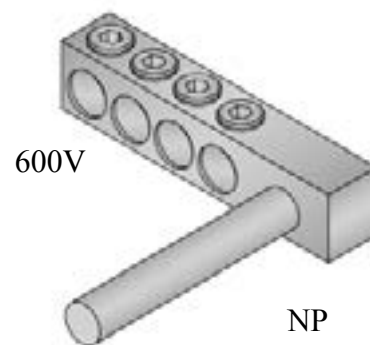


# TRANSFORMER EYEBOLT CONNECTORS

## TYPE NP / PTS

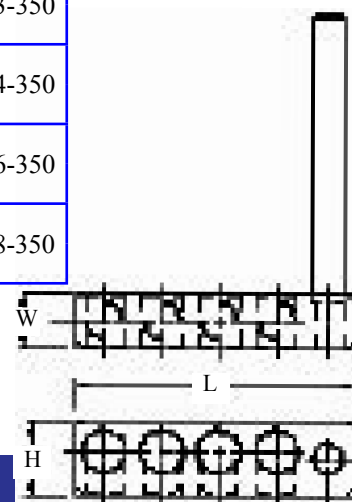
### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- For installation on equipment secondary transformers.
- Stud is electro-tin plated.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.



| *Catalog<br>Number | No. of<br>Cond. | Cond.<br>Range<br>AWG | Stud<br>Dia.<br>Inches | Stud<br>Length<br>Inches | H                        | W     | L      | Cover<br>Only |
|--------------------|-----------------|-----------------------|------------------------|--------------------------|--------------------------|-------|--------|---------------|
|                    |                 |                       |                        |                          | Dimensions - Inches      |       |        |               |
|                    |                 |                       |                        |                          | <i>Dimensions - (mm)</i> |       |        |               |
| NP2-1/OI           | 2               | 1/0-14                | 0.38                   | 3.50                     | 0.75                     | 0.56  | 1.97   | NPC2-1/0      |
| NP3-1/OI           | 3               | 1/0-14                | 0.38                   | 3.50                     | 0.75                     | 0.56  | 2.59   | NPC3-1/0      |
| NP4-1/OI           | 4               | 1/0-14                | 0.38                   | 3.50                     | 0.75                     | 0.56  | 3.22   | NPC4-1/0      |
| NP2-250I           | 2               | 250-12                | 0.50                   | 4.00                     | 1.13                     | 0.88  | 2.69   | NPC2-250      |
|                    |                 |                       | 12.70                  | 101.60                   | 28.70                    | 22.35 | 68.33  |               |
| NP3-250I           | 3               | 250-12                | 0.50                   | 4.00                     | 1.13                     | 0.88  | 3.64   | NPC3-250      |
|                    |                 |                       | 12.70                  | 101.60                   | 28.70                    | 22.35 | 92.46  |               |
| NP4-250I           | 4               | 250-12                | 0.50                   | 4.00                     | 1.13                     | 0.88  | 4.58   | NPC4-250      |
|                    |                 |                       | 12.70                  | 101.60                   | 28.70                    | 22.35 | 116.33 |               |
| NP6-250I           | 6               | 250-12                | 0.50                   | 4.00                     | 1.13                     | 0.88  | 6.46   | NPC6-250      |
|                    |                 |                       | 12.70                  | 101.60                   | 28.70                    | 22.35 | 164.08 |               |
| NP8-250I           | 8               | 250-12                | 0.50                   | 4.00                     | 1.13                     | 0.88  | 8.36   | NPC8-250      |
|                    |                 |                       | 12.70                  | 101.60                   | 28.70                    | 22.35 | 212.34 |               |
| NP2-350I           | 2               | 350-12                | 0.50                   | 4.00                     | 1.25                     | 1.00  | 2.97   | NPC3-350      |
|                    |                 |                       | 12.70                  | 101.60                   | 35.05                    | 25.40 | 75.44  |               |
| NP3-350I           | 3               | 350-12                | 0.50                   | 4.00                     | 1.25                     | 1.00  | 4.00   | NPC3-350      |
|                    |                 |                       | 12.70                  | 101.60                   | 35.05                    | 25.40 | 101.60 |               |
| NP4-350I           | 4               | 350-12                | 0.50                   | 4.00                     | 1.25                     | 1.00  | 5.03   | NPC4-350      |
|                    |                 |                       | 12.70                  | 101.60                   | 35.05                    | 25.40 | 127.76 |               |
| NP6-350I           | 6               | 350-12                | 0.50                   | 4.00                     | 1.25                     | 1.00  | 7.09   | NPC6-350      |
|                    |                 |                       | 12.70                  | 101.60                   | 35.05                    | 25.40 | 180.09 |               |
| NP8-350I           | 8               | 350-12                | 0.50                   | 4.00                     | 1.25                     | 1.00  | 9.14   | NPC8-350      |
|                    |                 |                       | 12.70                  | 101.60                   | 35.05                    | 25.40 | 232.16 |               |

Notes: \*Add suffix "C" to order with black plastisol cover  
For omission of co-ox oxide inhibitor, delete suffix "I".



# TRANSFORMER EYEBOLT CONNECTORS

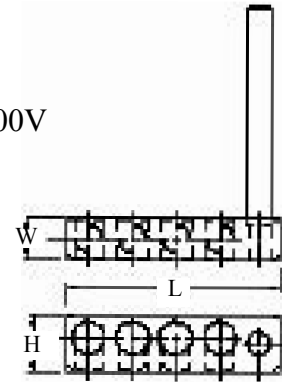
## TYPE NP

### Transformer Eyebolt Connectors

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- For installation on equipment secondary transformers.
- Copper stud is electro-tin plated.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrnch should be used to ensure the proper torque is achieved.

600V



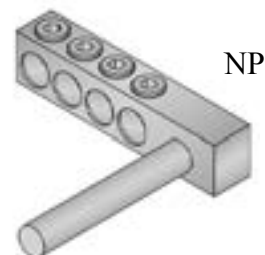
| *Catalog<br>Number | No. of Cond. | Cond. Range<br>AWG<br>MM2 | Stud<br>Dia.<br>Inches | Stud<br>Length<br>Inches | H                   | W     | L      | Cover<br>Only |
|--------------------|--------------|---------------------------|------------------------|--------------------------|---------------------|-------|--------|---------------|
|                    |              |                           |                        |                          | Dimensions - Inches |       |        |               |
|                    |              |                           |                        |                          | Dimensions - (mm)   |       |        |               |
| NP2-500I           | 2            | 500-10                    | 0.75                   | 4.50                     | 1.63                | 1.00  | 3.51   | NPC2-500      |
|                    |              | 240-4                     | 19.05                  | 114.30                   | 41.40               | 25.40 | 89.15  |               |
| NP3-500I           | 3            | 500-10                    | 0.75                   | 4.50                     | 1.63                | 1.00  | 4.72   | NPC3-500      |
|                    |              | 240-4                     | 19.05                  | 114.30                   | 41.40               | 25.40 | 119.89 |               |
| NP4-500I           | 4            | 500-10                    | 0.75                   | 4.50                     | 1.63                | 1.00  | 5.93   | NPC4-500      |
|                    |              | 240-4                     | 19.05                  | 114.30                   | 41.40               | 25.40 | 150.62 |               |
| NP6-500I           | 6            | 500-10                    | 0.75                   | 4.50                     | 1.63                | 1.00  | 8.35   | NPC6-500      |
|                    |              | 240-4                     | 19.05                  | 114.30                   | 41.40               | 25.40 | 212.09 |               |
| NP8-500I           | 8            | 500-10                    | 0.75                   | 4.50                     | 1.63                | 1.00  | 10.77  | NPC8-500      |
|                    |              | 240-4                     | 19.05                  | 114.30                   | 41.40               | 25.40 | 273.56 |               |
| NP2-750I           | 2            | 750-2                     | 0.75                   | 4.50                     | 1.88                | 1.37  | 4.00   | NPC2-750      |
|                    |              | 300-25                    | 19.05                  | 114.30                   | 47.75               | 34.92 | 101.60 |               |
| NP3-750I           | 3            | 750-2                     | 0.75                   | 4.50                     | 1.88                | 1.37  | 5.38   | NPC3-750      |
|                    |              | 300-25                    | 19.05                  | 114.30                   | 47.75               | 34.92 | 136.65 |               |
| NP4-750I           | 4            | 750-2                     | 0.75                   | 4.50                     | 1.88                | 1.374 | 6.75   | NPC4-750      |
|                    |              | 300-25                    | 19.05                  | 114.30                   | 47.75               | 34.92 | 171.45 |               |
| NP6-750I           | 6            | 750-2                     | 0.75                   | 4.50                     | 1.88                | 1.37  | 9.50   | NPC6-750      |
|                    |              | 300-25                    | 19.05                  | 114.30                   | 47.75               | 34.92 | 241.30 |               |
| NP8-750I           | 8            | 750-2                     | 0.75                   | 4.50                     | 1.88                | 1.37  | 12.25  | NPC8-750      |
|                    |              | 300-25                    | 19.05                  | 114.30                   | 47.75               | 34.92 | 311.15 |               |

Note: For omission of CO-OX oxide inhibitor, delete suffix "I". For Streetlight tap add suffix "SL".

\*Add suffix "C" to order with black plastisol cover



NPC



NP

# TRANSFORMER EYEBOLT CONNECTORS

## TYPE NPP

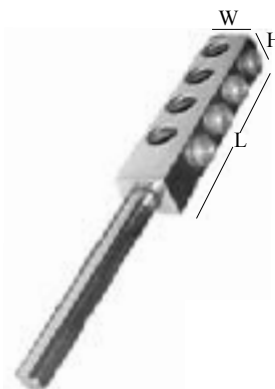
600V

### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- For installation on equipment secondary transformers.
- Stud is electro-tin plated.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Cond. | Cond. Range AWG | Stud Dia. Inches | Stud Length Inches | H                   | W    | L     |
|----------------|--------------|-----------------|------------------|--------------------|---------------------|------|-------|
|                |              |                 |                  |                    | Dimensions - Inches |      |       |
| NPP3-250I      | 3            | 250-12          | .50              | 4.00               | 1.13                | 0.88 | 3.64  |
| NPP4-250I      | 4            | 250-12          | .50              | 4.00               | 1.13                | 0.88 | 4.58  |
| NPP5-250I      | 5            | 250-12          | .50              | 4.00               | 1.13                | 0.88 | 5.75  |
| NPP6-250I      | 6            | 250-12          | .50              | 4.00               | 1.13                | 0.88 | 6.46  |
| NPP8-250I      | 8            | 250-12          | .50              | 4.00               | 1.13                | 0.88 | 8.36  |
| NPP3-350I      | 3            | 350-12          | .50              | 4.00               | 1.25                | 1.00 | 4.00  |
| NPP4-350I      | 4            | 350-12          | .50              | 4.00               | 1.25                | 1.00 | 5.03  |
| NPP5-350I      | 5            | 350-12          | .50              | 4.00               | 1.25                | 1.00 | 6.30  |
| NPP6-350I      | 6            | 350-12          | .50              | 4.00               | 1.25                | 1.00 | 7.09  |
| NPP8-350I      | 8            | 350-12          | .50              | 4.00               | 1.25                | 1.00 | 9.14  |
| NPP3-500I      | 3            | 500-10          | .75              | 4.50               | 1.63                | 1.00 | 4.72  |
| NPP4-500I      | 4            | 500-10          | .75              | 4.50               | 1.63                | 1.00 | 5.93  |
| NPP5-500I      | 5            | 500-10          | .75              | 4.50               | 1.63                | 1.00 | 7.45  |
| NPP6-500I      | 6            | 500-10          | .75              | 4.50               | 1.63                | 1.00 | 8.34  |
| NPP8-500I      | 8            | 500-10          | .75              | 4.50               | 1.63                | 1.00 | 10.77 |

*Note: For omission of CO-OX oxide inhibitor delete suffix - "I"..  
Street light tap available — add suffix "SL" to catalog number*





# TRANSFORMER EYEBOLT CONNECTORS

## TYPE NPB (Blind Hole Wire Port)

600V

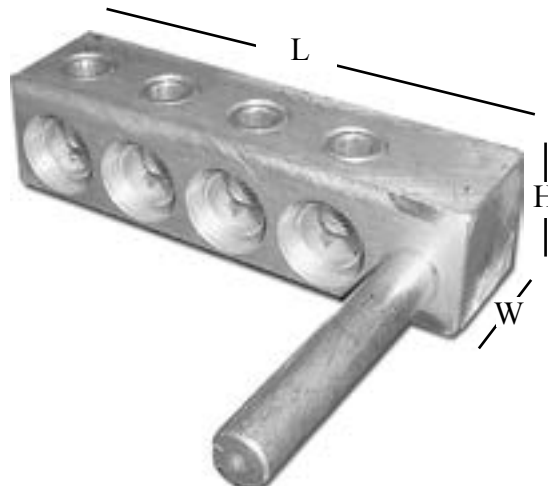
### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- For moisture resistance, conductor ports are not drilled through the body.
- Clear plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- For installation on equipment secondary adaptors.
- Stud is electro-tin plated.
- Supplied with aluminum radial-tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Includes CO-OX oxide inhibitor in all conductor holes.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrnch should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Cond. | Cond. Range | Stud Dia. Inches | Stud Length Inches | H                   | W    | L    |
|----------------|--------------|-------------|------------------|--------------------|---------------------|------|------|
|                |              |             |                  |                    | Dimensions - Inches |      |      |
| NPB4-4/0I      | 4            | 4/0-14      | 0.50             | 4.00               | 1.87                | 1.35 | 4.00 |
| NPB2-350I      | 2            | 350-12      | 0.50             | 4.00               | 1.375               | 1.59 | 2.98 |
| NPB3-350I      | 3            | 350-12      | 0.50             | 4.00               | 1.375               | 1.59 | 3.99 |
| NPB4-350I      | 4            | 350-12      | 0.50             | 4.00               | 1.375               | 1.59 | 5.03 |
| NPB6-350I      | 6            | 350-12      | 0.50             | 4.00               | 1.375               | 1.59 | 7.09 |
| NPB2-500I      | 2            | 500-10      | 0.75             | 4.00               | 1.75                | 2.00 | 3.59 |
| NPB2-750I      | 2            | 750-2       | 0.75             | 4.00               | 1.75                | 2.00 | 4.00 |
| NPB4-500I      | 4            | 500-10      | 0.75             | 4.00               | 1.75                | 2.00 | 6.06 |

*Note: For omission of CO-OX oxide inhibitor, delete suffix "I"..*

*Also, street light tap available, add suffix "SL" to the catalog number.*



# COMPRESSION CONNECTORS

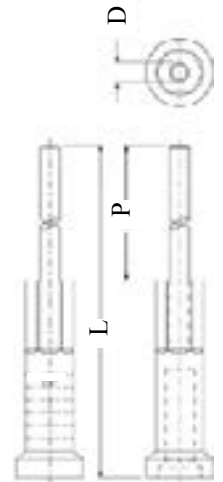
## TYPE PT

600V

### Aluminum Pin Terminal

- Tinned copper rod factory crimped into an aluminum compression sleeve. Cavities are pre-filled with electrical joint compound and capped.
- Pin terminals are widely used in clamp-type plated bronze connectors, common to pole-type transformers, disconnect switches, cutouts and lightning arrestors, to allow aluminum conductors to be connected. The transition from copper to aluminum is made within a sealed compression joint to assure protection from bi-metallic corrosion.

| Catalog Number | Wire Range                      |                              |             | “D”<br>Nom. Pin Diameter | “P”<br>Length Inches | “L”<br>Length Inches | Common Crimping Die Codes                                                                                                                                                                             |
|----------------|---------------------------------|------------------------------|-------------|--------------------------|----------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | Aluminum                        | ACSR                         | Dia. Range  |                          |                      |                      |                                                                                                                                                                                                       |
|                |                                 |                              | Min. - Max. |                          |                      |                      |                                                                                                                                                                                                       |
| PT64-2.5       | 4 Sol. 6 Str. & 6 Comp.         | 6                            | .16-206     | 4 Sol.                   | 2.50                 |                      | EE1-81 Burndy BG, 243<br>Kearney 5/8<br>Alcoa 08AH T&B TU (52)<br>Anderson VC5, VC6                                                                                                                   |
| PT44-2.5       | 2 Sol. 3-4 Str. & 4 Comp.       | 4                            | .204-258    |                          |                      | 4.625                |                                                                                                                                                                                                       |
| PT24-2.5       | 1-2 Str. & 2 Comp.              | 2                            | .268-.328   |                          |                      | 4.625                |                                                                                                                                                                                                       |
| PT102S-2.5     | 1/0 Str. & 1/0 Comp.            | 1/0                          | .336-.398   | 2 Sol.                   |                      | 4.625                |                                                                                                                                                                                                       |
| PT102-6        | 1/0 Str. & 1/0-2/0 Comp.        | 1/0                          | .336-.398   | 2 Sol.                   | 6.00                 | 9.875                | EE1-11A Burndy 249 or 840<br>Kearney 840 Somerset TX or 76<br>Alcoa 11 AH<br>Anderson VC5                                                                                                             |
| PT2010-6       | 2/0 Str. & 3/0 Comp.            | 2/0                          | .414-.448   | 1/0 Sol.                 |                      |                      |                                                                                                                                                                                                       |
| PT3010-6       | 3/0 Str. & 4/0 Comp.            | 3/0                          | .442-.502   |                          |                      |                      |                                                                                                                                                                                                       |
| PT4020-6       | 4/0-250 Str. 250 Comp           | 4/0                          | .552-.575   | 3/8                      |                      |                      |                                                                                                                                                                                                       |
| PT34940-6      | 300-350 Str. 350 Comp.          |                              | .618-.684   | 4/0 Sol.                 |                      |                      |                                                                                                                                                                                                       |
| PT30050-6      | 250-300 Str. 300-350 Comp. Str. | 4/0 & 200-18/1               | .564-.630   | 4/0 Sol.                 | 6.00                 | 11.00                | EE1-13A; Alcoa 13 AH<br>Kearney 11/8<br>Burndy 316, 655 or 706<br>Somerset - T&B 96<br>Anderson VC6                                                                                                   |
| PT35050-6      | 300-350 Str. 350 Comp.          | 336-18/1 & 336-36/1          | .618-.684   |                          |                      |                      |                                                                                                                                                                                                       |
| PT40050-6      | 336-400 Str. 500 Comp. Str.     | 336-18/1 397-36/1            | .666-.741   |                          |                      |                      |                                                                                                                                                                                                       |
| PT50050-6      | 450-500 Str. 600 Comp. Str.     | 397-18/1 477-36/1            | .743-.814   |                          |                      |                      |                                                                                                                                                                                                       |
| PT45062-6      | 450-500 Str. 600 Comp. Str.     | 397-18/1-477-341             | .743-.814   | 5/8                      | 6.00                 | 12.00                | EE1-14A; Alcoa 13 AH;<br>Kearney 1-15/16;<br>Anderson VC Burndy 317, 327 or 719<br>Somerset - T&B 106 Burndy 301, 342, 608, 722 or 786<br>Kearney 11/2 Alcoa 24AH<br>Somerset-T&B 125<br>Anderson VC8 |
| PT55062-6      | 500-556.5 Str.                  | 477-18/1-556-18/1            | .811-.879   | 5/8                      | 6.00                 | 12.25                |                                                                                                                                                                                                       |
| PT70062-6      | 600-700 Str. 750-800 Comp. Str. | 605-36/1-636-36/1            | .883-.996   |                          |                      |                      |                                                                                                                                                                                                       |
| PT90075-6      | 800-900 Str.                    | 715-54/7 795-36/1 & 795-54/7 | 1.031-1.094 | 3/4                      |                      |                      |                                                                                                                                                                                                       |
| PT100087-6     | 900-1033 Str.                   | 795-26/17-954-54/7           | 1.092-1.196 | 7/8                      | 6.00                 | 12.50                | Burndy 292, 302, 352, 579 or 725;<br>Alcoa 30 AH; T&B 150; Kearney 13/4                                                                                                                               |



Various pin lengths available.

# COMPRESSION CONNECTORS

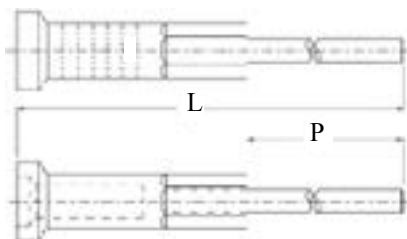
600V

## TYPE SPT

### Shrouded Aluminum Pin Terminals

- Shroud accepts insulation of conductors.
- Tinned copper rod factory crimped into an aluminum compression sleeve. Cavities are pre-filled with electrical joint compound and capped.
- Pin terminals are widely used in clamp-type plated bronze connectors, common to pole-type transformers, disconnect switches, cutouts and lightning arrestors, to allow aluminum conductors to be connected. The transition from copper to aluminum is made within a sealed compression joint to assure protection from bi-metallic corrosion.

| Catalog Number | Wire Range               |      |                     | “D” Nom. Pin Diameter | “P” Length | “L” Length | Common Crimping Die Codes                                                                      |
|----------------|--------------------------|------|---------------------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------|
|                | Aluminum                 | ACSR | Dia. Range Min.-Max |                       |            |            |                                                                                                |
| SPT44          | 2Sol. 3-4 Str. & 4 Comp. | 4    | .024-.258           | 4 Sol.                | 2.00       | 5.37       | EE1-81<br>Burndy BG, 243<br>Kerny 5/8<br>Alcoa 08AH<br>T&B TU (52)<br>Anderson VC5, VC6        |
| SPT24          | 1-2 Str. 2 Comp. Str.    | 2    | .268-.328           |                       | 2.00       | 5.50       |                                                                                                |
| SPT102S        | 1/0 Str. 1/0 Comp.       | 1/0  | .336-.398           | 2 Sol.                | 2.00       | 5.75       |                                                                                                |
| SPT2010        | 2/0 Str. 3/0 Comp.       | 2/0  | .388-.448           | 1/0 Sol.              | 4.00       | 7.00       |                                                                                                |
| SPT3010        | 3/0 Str. 4/0 Comp.       | 3/0  | .442-.502           | 3/8 Sol.              | 4.00       | 7.25       | EE1-11A<br>Burndy 249 or 840<br>Kearny 840<br>Somerset TX or 76<br>Alcoa 11 AH<br>Anderson VC6 |
| SPT4020        | 4/0-250 Str. 250 Comp.   | 4/0  | .511-.575           |                       | 3.72       | 7.00       |                                                                                                |
| SPT34940       | 300-350 Str. 350 Comp.   | -    | .618-.684           | 4/0 Sol.              | 6.00       | 11.00      |                                                                                                |



Various pin lengths available.



# GENERAL PURPOSE TRANSFORMER CONNECTORS

## TYPE L-A

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

600V

- Clear Plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Designed for installation on standard two and four-hole spades.
- All mounting holes 1.75" on center line.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrnch should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Wire Holes | No. of Mounting Holes | Cond. Range AWG | H                   | W    | L    | D    |
|----------------|-------------------|-----------------------|-----------------|---------------------|------|------|------|
|                |                   |                       |                 | Dimensions - Inches |      |      |      |
| L1A1-350I      | 1                 | 1                     | 350-12          | 1.19                | 1.25 | 2.25 | 0.56 |
| L2A2-350I      | 2                 | 2                     | 350-12          | 1.19                | 3.00 | 2.25 | 0.56 |
| L3A2-350I      | 3                 | 2                     | 350-12          | 1.19                | 4.75 | 2.25 | 0.56 |
| L4A3-350I      | 4                 | 3                     | 350-12          | 1.19                | 6.50 | 2.25 | 0.56 |
| L6A4-350I      | 6                 | 4                     | 350-12          | 1.19                | 8.50 | 2.25 | 0.56 |
| L8A5-350I      | 8                 | 5                     | 350-12          | 1.19                | 8.25 | 2.25 | 0.56 |
| L1A1-500I      | 1                 | 1                     | 500-10          | 1.56                | 1.25 | 3.19 | 0.56 |
| L2A2-500I      | 2                 | 2                     | 500-10          | 1.56                | 3.00 | 3.19 | 0.56 |
| L3A2-500I      | 3                 | 2                     | 500-10          | 1.56                | 3.62 | 3.19 | 0.56 |
| L4A3-500I      | 4                 | 3                     | 500-10          | 1.56                | 4.87 | 3.19 | 0.56 |
| L6A4-500I      | 6                 | 4                     | 500-10          | 1.56                | 6.75 | 3.19 | 0.56 |
| L8A5-500I      | 8                 | 5                     | 500-10          | 1.56                | 8.75 | 3.19 | 0.56 |

*Note: For omission of CO-OX oxide inhibitor, delete suffix - "I".*



# GENERAL PURPOSE TRANSFORMER CONNECTORS

## TYPE L-M

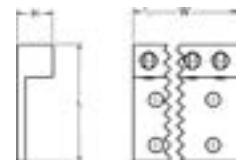
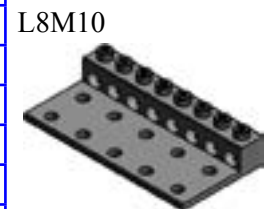
600V

### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Clear Plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Designed for installation on standard two and four-hole spades.
- All mounting holes 1.75" on center line.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Mtg. Holes | No. of Cond. | Cond. Range AWG MM2 | H                   | W      | L      | D     |
|----------------|-------------------|--------------|---------------------|---------------------|--------|--------|-------|
|                |                   |              |                     | Dimensions - Inches |        |        |       |
|                |                   |              |                     | Dimensions - (mm)   |        |        |       |
| L1M2-350I      | 2                 | 1            | 350-12              | 1.38                | 1.25   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 31.75  | 114.30 | 14.22 |
| L2M4-350I      | 4                 | 2            | 350-12              | 1.38                | 3.00   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 76.20  | 114.30 | 14.22 |
| L3M4-350I      | 4                 | 3            | 350-12              | 1.38                | 3.00   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 76.20  | 114.30 | 14.22 |
| L4M6-350I      | 6                 | 4            | 350-12              | 1.38                | 4.75   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 120.65 | 114.30 | 14.22 |
| L6M8-350I      | 8                 | 6            | 350-12              | 1.38                | 6.50   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 165.10 | 114.30 | 14.22 |
| L8M10-350I     | 10                | 8            | 350-12              | 1.38                | 8.25   | 4.25   | 0.56  |
|                |                   |              | 185-16              | 35.05               | 209.55 | 114.30 | 14.22 |
| L1M2-500I      | 2                 | 1            | 500-10              | 1.56                | 1.25   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 31.75  | 117.60 | 14.22 |
| L2M4-500I      | 4                 | 2            | 500-10              | 1.56                | 3.00   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 76.20  | 117.60 | 14.22 |
| L3M4-500I      | 4                 | 3            | 500-10              | 1.56                | 3.62   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 91.95  | 117.60 | 14.22 |
| L4M6-500I      | 6                 | 4            | 500-10              | 1.56                | 4.87   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 123.70 | 117.60 | 14.22 |
| L6M8-500I      | 8                 | 6            | 500-10              | 1.56                | 6.75   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 171.45 | 117.60 | 14.22 |
| L8M10-500I     | 10                | 8            | 500-10              | 1.56                | 8.75   | 4.63   | 0.56  |
|                |                   |              | 240-25              | 39.62               | 222.25 | 117.60 | 14.22 |

Note: For omission of CO-OX oxide inhibitor, delete suffix - "I".



# HEAVY-DUTY TRANSFORMER CONNECTORS

## TYPE L-D

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

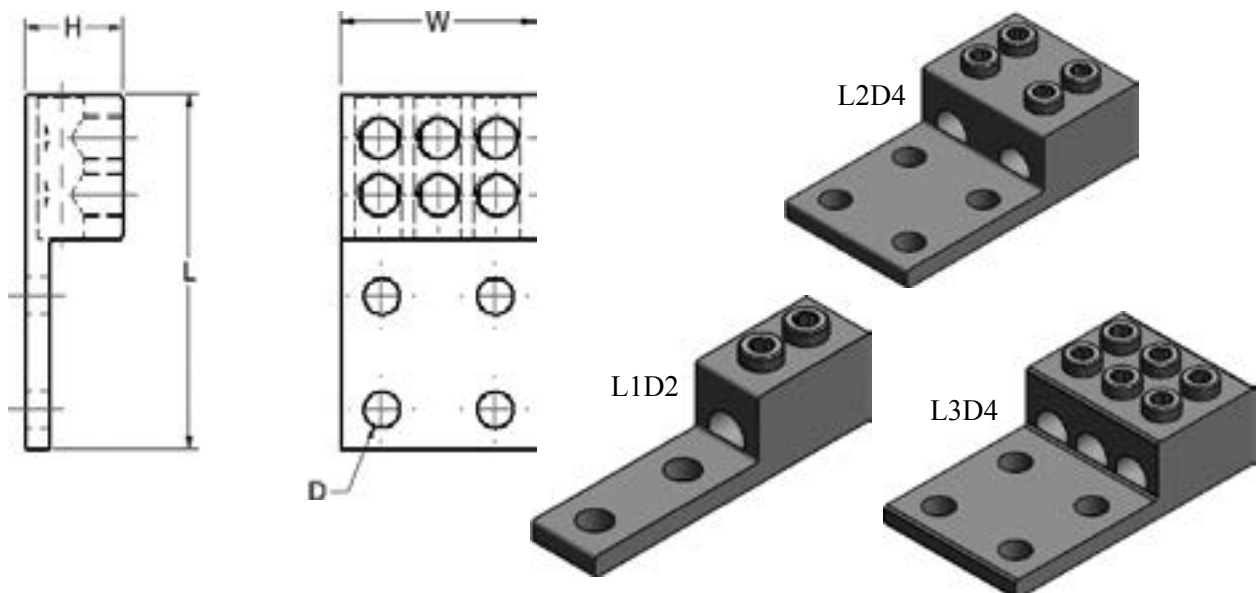
- Clear Plated for low-contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Supplied with aluminum radial tipped set-screws.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.

**UNI-JOINT**  
600V

- Designed for installation on standard two and four-hole spades.
- All mounting holes 1.75" on center line.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Mtg. Holes | No. of Cond. | Cond. Range AWG | H                   | W    | L    | D    |
|----------------|-------------------|--------------|-----------------|---------------------|------|------|------|
|                |                   |              |                 | Dimensions - Inches |      |      |      |
| L1D2-350I      | 2                 | 1            | 350-12          | 1.50                | 1.00 | 5.31 | 0.56 |
| L2D4-350I      | 4                 | 2            | 350-12          | 1.50                | 2.88 | 5.31 | 0.56 |
| L3D4-350I      | 4                 | 3            | 350-12          | 1.50                | 3.00 | 5.31 | 0.56 |
| L1D2-500I      | 2                 | 1            | 500-10          | 1.50                | 1.25 | 5.50 | 0.56 |
| L2D4-500I      | 4                 | 2            | 500-10          | 1.50                | 2.88 | 5.50 | 0.56 |
| L3D4-500I      | 4                 | 3            | 500-10          | 1.50                | 3.50 | 5.50 | 0.56 |
| L1D2-750I      | 2                 | 1            | 750-2           | 1.88                | 1.50 | 6.19 | 0.56 |
| L2D4-750I      | 4                 | 2            | 750-2           | 1.88                | 3.00 | 6.19 | 0.56 |
| L3D4-750I      | 4                 | 3            | 750-2           | 1.88                | 4.00 | 6.19 | 0.56 |
| L1D2-1000I     | 2                 | 1            | 1000-350        | 1.88                | 1.56 | 6.19 | 0.56 |
| L2D4-1000I     | 4                 | 2            | 1000-350        | 1.88                | 3.25 | 6.19 | 0.56 |
| L3D4-1000I     | 4                 | 3            | 1000-350        | 1.88                | 4.92 | 6.19 | 0.56 |

*Note: For omission of co-ox oxide inhibitor, delete suffix "I".*





# HEAVY-DUTY TRANSFORMER CONNECTORS

## TYPE L-D

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

- Clear Plated for low-contact resistance.
  - Fully tested to ANSI C119.4 for Class 'A' connectors.
  - Supplied with aluminum radial tipped set-screws.
  - All mounting holes 1.75" on center line.
  - Designed for installation on standard two and four-hole spades.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
  - For installation, CMC® recommends the use of a 9" insulated Allen wrench.
  - A torque wrench should be used to ensure the proper torque is achieved.

## UNI-JOINT

600V

| Catalog Number | No. of Mtg. Holes | No. of Cond. | Cond. Range AWG | H                   | W     | L    | D    | Cover |
|----------------|-------------------|--------------|-----------------|---------------------|-------|------|------|-------|
|                |                   |              |                 | Dimensions - Inches |       |      |      |       |
| L4D6-350I      | 6                 | 4            | 350-12          | 1.50                | 4.63  | 5.31 | 0.56 | B-43  |
| L6D8-350I      | 8                 | 6            | 350-12          | 1.50                | 6.38  | 5.31 | 0.56 | B-45  |
| L8D10-350I     | 10                | 8            | 350-12          | 1.50                | 8.13  | 5.31 | 0.56 | B-45  |
| L4D6-500I      | 6                 | 4            | 500-10          | 1.50                | 4.63  | 5.50 | 0.56 | B-43  |
| L6D8-500I      | 8                 | 6            | 500-10          | 1.50                | 6.75  | 5.50 | 0.56 | B-43  |
| L8D10-500I     | 10                | 8            | 500-10          | 1.50                | 8.75  | 5.50 | 0.56 | LDC-3 |
| L4D8-750I      | 8                 | 4            | 750-2           | 1.88                | 6.50  | 6.19 | 0.56 | LDC-3 |
| L6D10-750I     | 10                | 6            | 750-2           | 1.88                | 8.25  | 6.19 | 0.56 | LDC-3 |
| L8D12-750I     | 12                | 8            | 750-2           | 1.88                | 10.25 | 6.19 | 0.56 | B-60  |
| L4D8-1000I     | 8                 | 4            | 1000-350        | 1.88                | 6.50  | 6.19 | 0.56 | LDC-3 |
| L6D12-1000I    | 12                | 6            | 1000-350        | 1.88                | 10.00 | 6.19 | 0.56 | B-60  |
| L8D14-1000I    | 14                | 8            | 1000-350        | 1.88                | 12.12 | 6.19 | 0.56 | B-60  |

*Note: For omission of CO-OX oxide inhibitor, delete suffix - "I".*

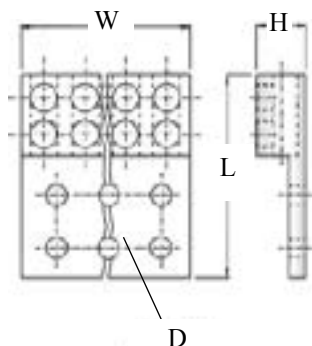
L4D6



L6D8



L6D10-750



# TRANSFORMER CONNECTORS

## TYPE ABV

### General Purpose Transformer Connectors

600V

DUAL-RATED CONNECTORS  
FOR ALUMINUM OR COPPER CONDUCTORS

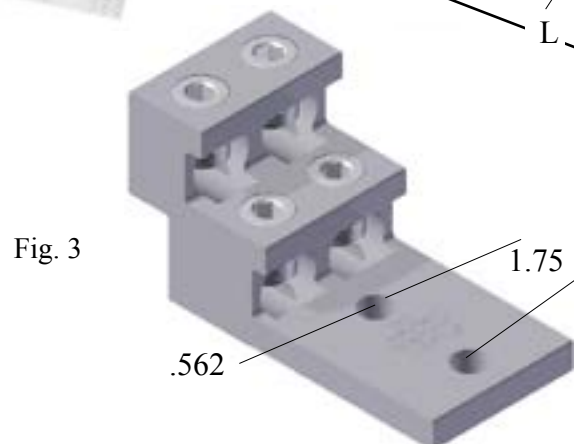
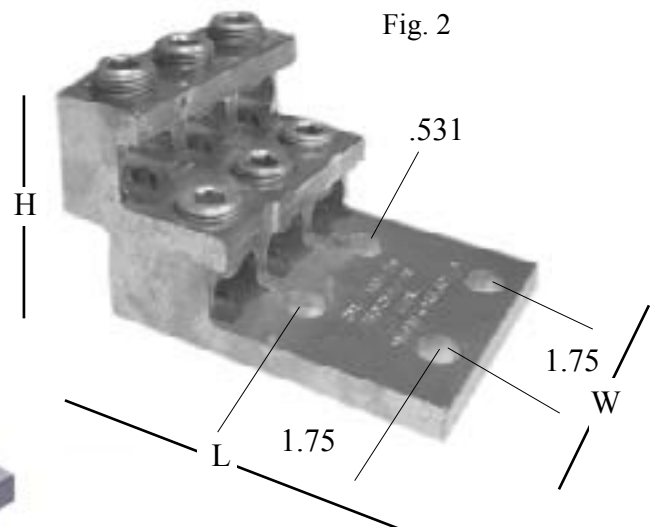
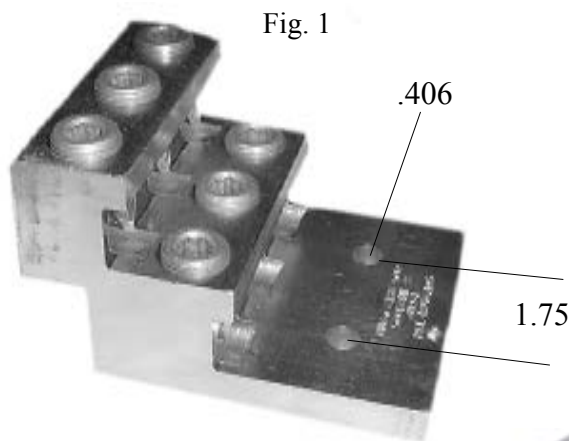
Material: Aluminum

- Compact design relieves cantilever stress.
- Clear Plated for low contact resistance.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Supplied with aluminum radial tipped set-screws.

PATENTED

| Catalog Number | Figure No. | No. of Cond. | Cond. Range | Number of Mounting Holes | W    | L    | H    |
|----------------|------------|--------------|-------------|--------------------------|------|------|------|
|                |            |              | AWG - kcmil |                          |      |      |      |
| 6ABV-500       | 1          | 6            | 500-2       | 2                        | 3.75 | 4.90 | 3.00 |
| 6ABV-750       | 1          | 6            | 750-1/0     | 2                        | 3.75 | 4.90 | 3.00 |
| 6ABV-750-4     | 2          | 6            | 750-1/0     | 4                        | 3.75 | 5.40 | 3.00 |
| 4ABV-750-2N    | 3          | 4            | 750-1/0     | 2                        | 2.62 | 5.68 | 3.00 |

*Designed for installation on standard NEMA bolt holes.*



# TRANSFORMER CONNECTORS

## TYPE ABV-M

### General Purpose Transformer Connectors

600V

#### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Compact design relieves cantilever stress.
- Clear Plated for low contact resistance.
- Fully tested to ANSI C119.4 for Class “A” connectors.
- Designed for installation on standard NEMA bolt holes.
- Fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Supplied with aluminum radial-tipped set-screws.

#### PATENTED

| Catalog Number | Fig. No. | No. of Cond. | Cond. Range<br>AWG - kcmil | No.<br>Mounting<br>Holes | L                   | W    |
|----------------|----------|--------------|----------------------------|--------------------------|---------------------|------|
|                |          |              |                            |                          | Dimensions - Inches |      |
| 2ABV-350MS     | 1        | 2            | 350-12                     | 1                        | 3.25                | 1.00 |
| 4ABV-350MS     | 1        | 4            | 350 - 12                   | 1                        | 3.25                | 1.85 |
| 6ABV-350MS     | 1        | 6            | 350 - 12                   | 2                        | 3.25                | 3.00 |
| 8ABV-350MS     | 1        | 8            | 350 - 12                   | 3                        | 3.25                | 4.75 |
| 10ABV-350MS    | 1        | 10           | 350 - 12                   | 3                        | 3.25                | 4.75 |
| 12ABV-350MS    | 1        | 12           | 350 - 12                   | 4                        | 3.25                | 6.50 |
| 2ABV-350M      | 2        | 2            | 350 - 12                   | 2                        | 5.00                | 1.00 |
| 4ABV-350M      | 2        | 4            | 350 - 12                   | 2                        | 5.00                | 1.85 |
| 6ABV-350M      | 2        | 6            | 350 - 12                   | 4                        | 5.00                | 3.00 |
| 8ABV-350M      | 2        | 8            | 350 - 12                   | 6                        | 5.00                | 4.75 |
| 10ABV-350M     | 2        | 10           | 350 - 12                   | 6                        | 5.00                | 4.75 |
| 12ABV-350M     | 2        | 12           | 350 - 12                   | 8                        | 5.00                | 6.50 |
| 2ABV-750M      | 2        | 2            | 750 - 2                    | 2                        | 6.37                | 1.50 |
| 4ABV-750M      | 2        | 4            | 750 - 2                    | 4                        | 6.37                | 3.00 |
| 6ABV-750M      | 2        | 6            | 750 - 2                    | 6                        | 6.37                | 4.75 |
| 8ABV-750M      | 2        | 8            | 750 - 2                    | 6                        | 6.37                | 5.37 |
| 10ABV-750M     | 2        | 10           | 750 - 2                    | 8                        | 6.37                | 6.81 |
| 12ABV-750M     | 2        | 12           | 750 - 2                    | 10                       | 6.37                | 8.25 |

*Note: For co-ox oxide inhibitor, add suffix “I”.*

Fig. 1



Fig. 2



# HEAVY-DUTY TRANSFORMER CONNECTORS

## TYPE DPV

600V

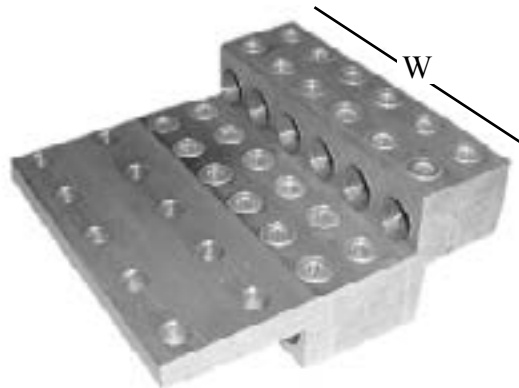
### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Clear plated for low-contact resistance.
- Supplied with aluminum radial-tipped set-screws.
- All mounting holes 1.75" on center line.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number | No. of Cond. | Conductor Range | Dimensions - Inches<br>W | Mtg Holes |
|----------------|--------------|-----------------|--------------------------|-----------|
| DPV2-750I      | 2            | 750 - 2         | 1.50                     | 2         |
| DPV4-750I      | 4            | 750 - 2         | 3.00                     | 4         |
| DPV6-750I      | 6            | 750 - 2         | 4.50                     | 6         |
| DPV8-750I      | 8            | 750 - 2         | 6.50                     | 8         |
| DPV10-750I     | 10           | 750 - 2         | 7.38                     | 8         |
| DPV12-750I     | 12           | 750 - 2         | 8.25                     | 10        |
| DPV16-750I     | 16           | 750 - 2         | 11.75                    | 14        |
| DPV2-1000I     | 2            | 1000 - 1/0      | 1.75                     | 2         |
| DPV4-1000I     | 4            | 1000 - 1/0      | 3.25                     | 4         |
| DPV6-1000I     | 6            | 1000 - 1/0      | 4.75                     | 6         |
| DPV8-1000I     | 8            | 1000 - 1/0      | 6.25                     | 8         |
| DPV10-1000I    | 10           | 1000 - 1/0      | 7.75                     | 10        |
| DPV12-1000I    | 12           | 1000 - 1/0      | 9.25                     | 10        |
| DPV16-1000I    | 16           | 1000 - 1/0      | 12.25                    | 16        |

*Note: Add suffix "T" for tin plating. Example: DV12-750TI*

*Note: For omission of CO-OX oxide inhibitor, delete suffix "I".*

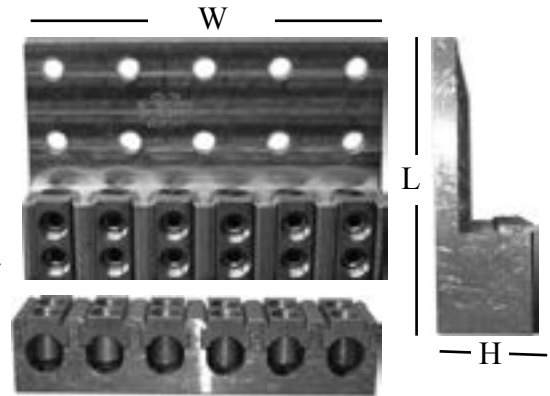


# HEAVY DUTY LAY-IN CONNECTORS

## TYPE DLI / TLI

### DUAL-RATED CONNECTORS FOR ALUMINUM OR COPPER CONDUCTORS

- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Clear Plated for low contact resistance.
- Fully tested to ANSI C119.4 for Class “A” connectors.
- All mounting holes 1.75” on center line.
- Unique lay-in feature eliminates the frustration of feeding and bending conductors into large standard connectors.
- For installation, CMC® recommends the use of an Allen Wrench.
- A torque wrench should be used to ensure the proper torque is achieved.



| Catalog Number | Fig. No. | No. of Cond. | Cond. Range AWG | W                   | L   | H   | Mtg Holes |
|----------------|----------|--------------|-----------------|---------------------|-----|-----|-----------|
|                |          |              |                 | Dimensions - Inches |     |     |           |
| DLI500-4       | 1        | 4            | 500 - 10        | 6.5                 | 5.5 | 1.9 | 8         |
| DLI500-6       | 1        | 6            | 500 - 10        | 8.5                 | 5.5 | 1.9 | 10        |
| DLI500-8       | 1        | 8            | 500 - 10        | 12.0                | 5.5 | 1.9 | 14        |
| DLI600-2       | 1        | 2            | 600 - 10        | 3.0                 | 5.5 | 1.9 | 4         |
| DLI600-4       | 1        | 4            | 600 - 10        | 6.5                 | 5.5 | 1.9 | 8         |
| DLI600-6       | 1        | 6            | 600 - 10        | 8.5                 | 5.5 | 1.9 | 10        |
| DLI600-8       | 1        | 8            | 600 - 10        | 12.0                | 5.5 | 1.9 | 14        |
| DLI750-2       | 1        | 2            | 750 - 2         | 3.25                | 6.0 | 2.2 | 4         |
| DLI750-3       | 1        | 3            | 750 - 2         | 4.75                | 6.0 | 2.2 | 6         |
| DLI750-4       | 1        | 4            | 750 - 2         | 6.5                 | 6.0 | 2.2 | 8         |
| DLI750-6       | 1        | 6            | 750 - 2         | 10.25               | 6.0 | 2.2 | 12        |
| DLI750-8       | 1        | 8            | 750 - 2         | 13.5                | 6.0 | 2.2 | 16        |
| DLI1000-2      | 1        | 2            | 1000 - 1/0      | 3.5                 | 6.0 | 2.2 | 4         |
| DLI1000-4      | 1        | 4            | 1000 - 1/0      | 6.75                | 6.0 | 2.2 | 8         |
| DLI1000-6      | 1        | 6            | 1000 - 1/0      | 10.25               | 6.0 | 2.2 | 12        |
| DLI1000-8      | 1        | 8            | 1000 - 1/0      | 13.50               | 6.0 | 2.2 | 16        |

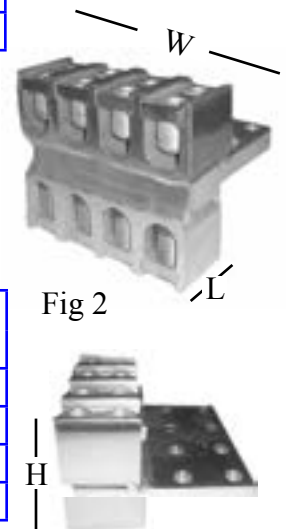
*Note: For co-ox oxide inhibitor, add suffix “I”.*

### CMC Heavy Duty Lay-In Transformer Spade Connectors:

The DLI/TLI is a dual rated connector for aluminum and copper conductors, fully tested and meets ANSI C119.4. The DLI/TLI connector is designed for mounting multiple conductors to transformer secondary NEMA spade terminals. Clear-Plated for low-contact resistance. Tin plating also available.

| Catalog Number | Fig. No. | No. of Cond. | Cond. Range AWG | L                   | W     | H    | Mtg Holes |
|----------------|----------|--------------|-----------------|---------------------|-------|------|-----------|
|                |          |              |                 | Dimensions - Inches |       |      |           |
| TLI1000-6I     | 2        | 6            | 1000 - 1/0      | 6.31                | 5.25  | 5.75 | 6         |
| TLI1000-8I     | 2        | 8            | 1000 - 1/0      | 6.31                | 6.81  | 5.75 | 8         |
| TLI1000-12I    | 2        | 12           | 1000 - 1/0      | 6.31                | 10.25 | 5.75 | 10        |
| TLI1000-16I    | 2        | 16           | 1000 - 1/0      | 6.31                | 13.62 | 5.75 | 16        |

*Note: For omission of co-ox oxide inhibitor, delete suffix “I”.*



# STUD MOUNT TRANSFORMER CONNECTORS

## TYPE UATS

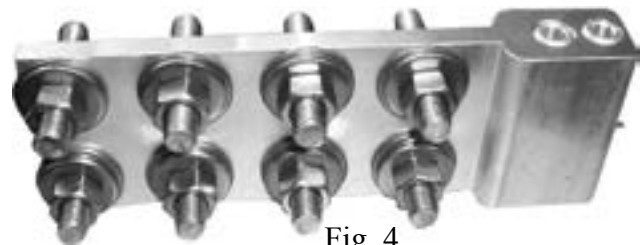
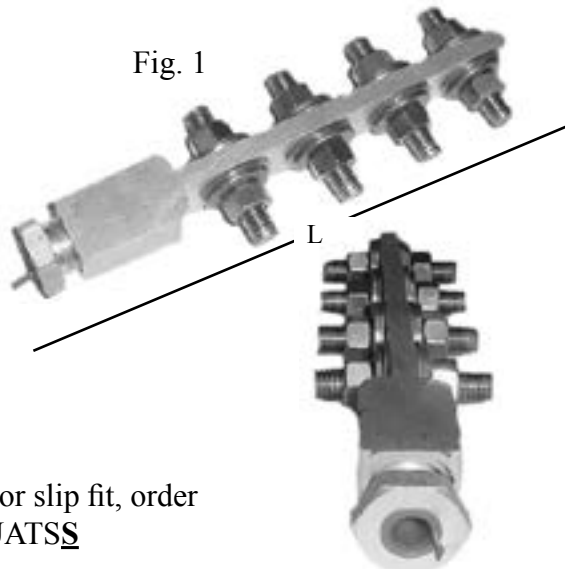
### For Threaded Secondary Studs

600V

- Universal adapter for use on 1" or 5/8" studs.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Fully assembled with stainless steel hardware and 1/2 - 13 studs.
- Accepts standard side form lugs.
- Fully tested to ANSI C119.4 for Class 'A' connectors.
- Can be ordered with or without hardware (belleville washers, flat washers, silicon bronze nuts).
- Allows installation or removal of conductor without affecting other energized conductors.
- SAFETY - Can be worked live with one hand.

| Catalog Number | Fig No. | No. of Studs | Transformer Stud   | L     |                        |
|----------------|---------|--------------|--------------------|-------|------------------------|
| UATS-1         | 1       | 4            | 5/8 - 11 or 1 - 14 | 8.88  | 1 hole connectors      |
| UATS2-4        | 2       | 4            | 5/8 - 11 or 1 - 14 | 5.375 | NEMA 2 hole connectors |
| UATS2-6        | 3       | 6            | 5/8 - 11 or 1 - 14 | 7.125 | NEMA 2 hole connectors |
| UATS2-8        | 4       | 8            | 5/8 - 11 or 1 - 14 | 8.88  | NEMA 2 hole connectors |

*Note: Comes standard with hardware.*



For slip fit, order  
UATSS

# TRANSFORMER STUD RELOCATION BAR

## TYPE NTS

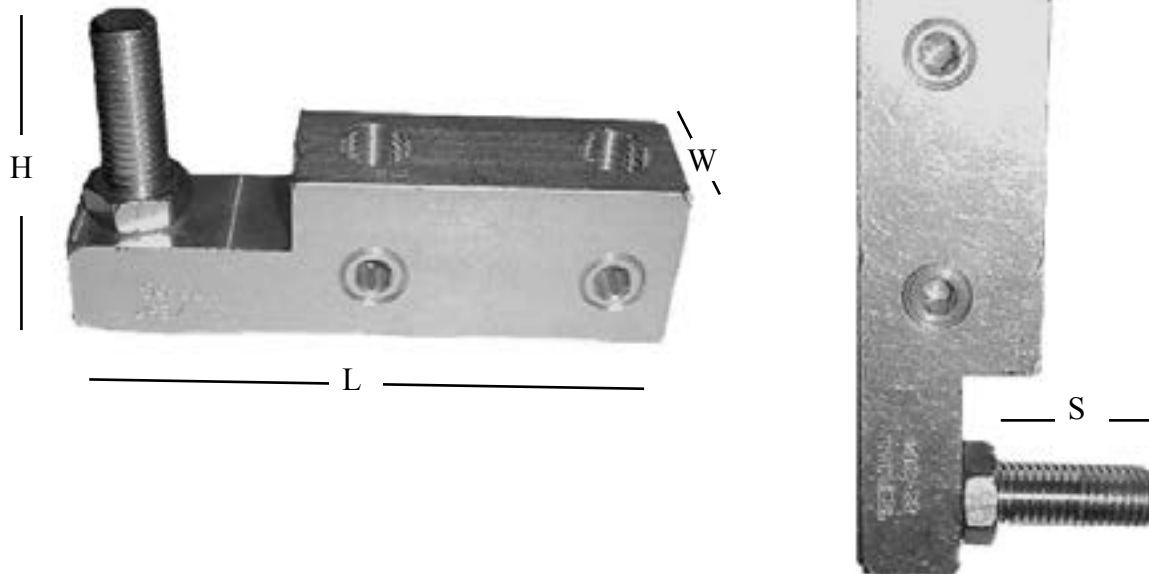
### Transformer Stud Drop-Down Connector

FOR INSTALLATION ON EQUIPMENT  
SECONDARY PADMOUNT TRANSFORMERS.

600V

- Available for 1" and 5/8" transformer studs.
- Copper stud is electro-tin plated.
- Clear plated for low-contact resistance.
- Supplied with brass jam nut.
- Uses CMC patented keyhole mount for maximum contact area and a "wobble-free" mount.
- Shifts transformer stud down 2" or 4".
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9" insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.

| Catalog Number | Transformer Stud Size | L     | H     | W     | Stud Length (S) | Set-Screws per Stud |
|----------------|-----------------------|-------|-------|-------|-----------------|---------------------|
| NTS-10         | 1.00"                 | 6.00" | 3.38" | 1.75" | 1.75"           | 2                   |
| NTS-58         | 5/8"                  | 5.75" | 3.00" | 1.38" | 1.75"           | 1                   |





# ALUMINUM PAD EXTENSIONS

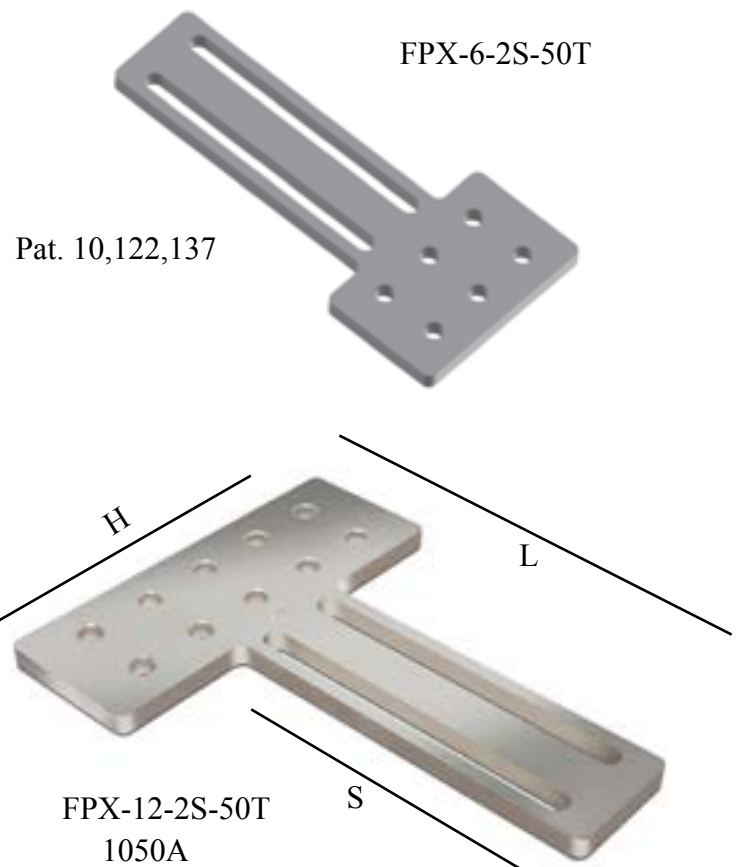
## TYPE FPX-2S

- Adapters provide the means to connect virtually any required number of conductors to a transformer using NEMA two-hole terminal lugs. Stacking type terminal lugs can also be used where more conductor connections are required than available mounting positions.
- Slotted rail allows for adjustable height for easy transformer reconnection/replacement.
- Meets the performance requirements of ANSI C119.4.
- Tin plated.
- Other pad extensions are available. Consult factory.

| Catalog Number | H                   | L     | S   | Pad Width | Hole Diameter |
|----------------|---------------------|-------|-----|-----------|---------------|
|                | Dimensions - Inches |       |     |           |               |
| FPX-6-2S-50T   | 6                   | 12.75 | 8   | .50       | .56           |
| FPX-8-2S-50T   | 8                   | 12.75 | 8   | .50       | .56           |
| FPX-10-2S-50T  | 10                  | 12.75 | 8   | .50       | .56           |
| FPX-12-2S-50T  | 10                  | 18.75 | 8.5 | .50       | .56           |

Material:  
Extruded - 6061-T6 Aluminum

*Other sizes and configurations available. Contact the factory for information.*



# COPPER PAD EXTENSIONS

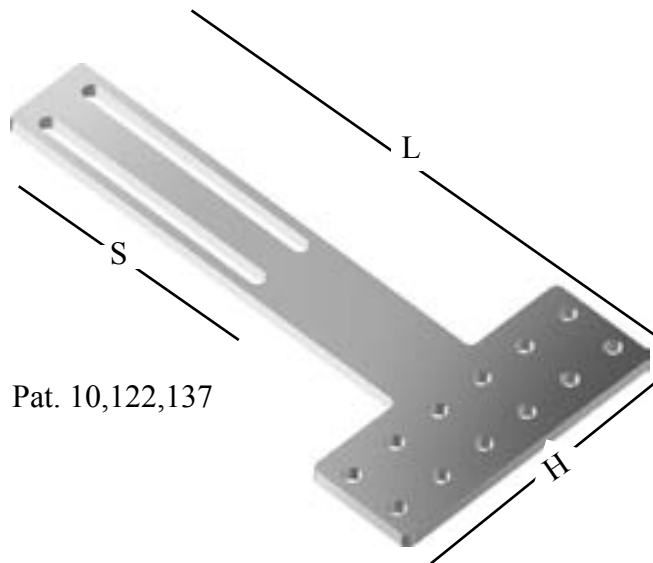
## TYPE CFPX-2S

- Adapters provide the means to connect virtually any required number of conductors to a transformer using NEMA two-hole terminal lugs. Stacking type terminal lugs can also be used where more conductor connections are required than available mounting positions.
- Slotted rail allows for adjustable height for easy transformer reconnection/replacement.
- Meets the performance requirements of ANSI C119.4.
- Tin plated.
- Other pad extensions are available. Consult factory.

| Catalog Number | H                   | L     | S   | Pad Width | Hole Diameter |
|----------------|---------------------|-------|-----|-----------|---------------|
|                | Dimensions - Inches |       |     |           |               |
| CFPX-6-2S-50T  | 6                   | 12.75 | 8   | .50       | .56           |
| CFPX-8-2S-50T  | 8                   | 12.75 | 8   | .50       | .56           |
| CFPX-10-2S-50T | 10                  | 12.75 | 8   | .50       | .56           |
| CFPX-12-2S-50T | 10                  | 18.75 | 8.5 | .50       | .56           |

Material:  
Extruded - C110 Copper

*Other sizes and configurations available. Contact the factory for information.*



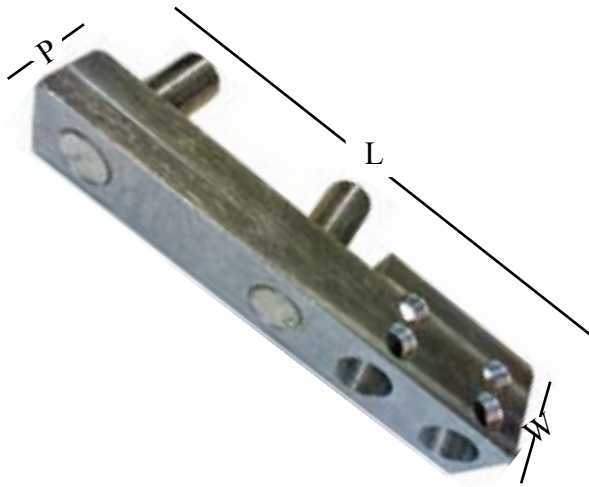
| Catalog Number     | H                   | L     | S     | Pad Width | Hole Diameter |
|--------------------|---------------------|-------|-------|-----------|---------------|
|                    | Dimensions - Inches |       |       |           |               |
| CFPXL4-2A-MLGW-KIT | 3.5                 | 20.12 | 14.44 | .50       | .56           |

# STUD EXTENSIONS

## TYPE NTS

- Available for 1" or 5/8" transformer studs.
- Copper stud is electro-tin plated.
- Fully insulated.
- Clear plated for low-contact resistance.
- Supplied with brass jam nut.
- Uses CMC® patented keyhole mount for maximum contact area and a “wobble-free” mount.
- Adjustable to shift transformer stud down 2, 4, 6, or 8”.
- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength.
- Each unit individually wrapped and labeled for ease of identification and cleanliness.
- For installation, CMC® recommends the use of a 9” insulated Allen wrench.
- A torque wrench should be used to ensure the proper torque is achieved.
- Dual rated for copper and aluminum conductor.

| Catalog Number | W    | L    | Pad Thickness | Stud Size |
|----------------|------|------|---------------|-----------|
| NTS10-EB       | 2    | 9.75 | 1.375"        | 1"        |
| NTS10-EBC      | 2.2  | 9.95 | 1.575"        | 1"        |
| NTS 58-EB      | 1.75 | 9.25 | 1"            | 5/8"      |
| NTS 58-EBC     | 1.95 | 9.45 | 1.2"          | 5/8"      |



CMC's transformer stud extensions allow for faster, easier, and less expensive replacement of transformers. Adjustable, patented, slip-fit keyhole stud mounts eliminate the need for splices when new bushing heights don't allow old connections to reach.

Remove the risk and strain of cantilever forces on transformer bushings that cause premature leaking. The drop down extensions are adjustable in two inch increments and come in options for 5/8 and 1" studs. Available insulated or bare, (add suffix "C" for insulated).