

ABS AND EBS SOCKETS AND PLUGS



Description

Members ABS & EBS connection systems operate to ISO specifications for vehicles weighing over 3.5 tons. These connectors are used for the electrical connection of the braking systems between a truck tractor and a trailer or semitrailer in the commercial vehicles sector, both for 24V and 12V electrical systems. Available as 5-Pole and 7-Pole systems, these products utilize nickel-plated brass terminals for reliable connections. Additional pins in the EBS system allow for data transfer between cab and trailer. Plugs are equipped with stainless steel locking lever and rollers to lock plugs in place, preventing accidental disconnection.

Ordering Information

Ordering Information is displayed on page 2.

Features and Benefits

- Conform to ADR/GGVS norm requirements for vehicles transporting hazardous goods.
- Screw terminal versions especially suitable for spare & replacement parts markets.
- Mechanical resistance and watertightness guarantee an efficient and reliable electrical connection.

Web Resources

Download installation instructions, 2D prints and technical resources at: littelfuse.com/ABS-EBSSocketsPlugs

Recommended Products

00585600 is suitable for a parking socket for both ABS & EBS Plugs



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Ordering Information

| PART NUMBERS | DESCRIPTION | BODY MATERIAL | CABLE OUTLET | CABLE CORES ACCEPTED | ISO | NUMBER OF PINS | TERMINAL MATERIAL | TERMINALS | VOLTAGE |
|--------------|-------------|---------------|--------------|---|--------|----------------|---------------------|-----------|---------|
| 00594700 | ABS Plug | Plastic | 15-17mm | 2x4mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Screw | 24V |
| 00594770 | ABS Plug | Plastic | 11.5-14.5mm | 2x4mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Screw | 24V |
| 00595300 | ABS Plug | Plastic | 15-17mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Crimped | 24V |
| 00583600 | ABS Socket | Plastic | 15.5mm | 2x4mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Screw | 24V |
| 00585500 | ABS Socket | Plastic | 15.5mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Crimped | 24V |
| 00585600 | ABS Socket | Plastic | — | — | 7638-1 | — | — | — | 24V |
| 00586800 | ABS Socket | Plastic | 15.5mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 5 | Nickel-Plated Brass | Crimped | 24V |
| 00420800 | ABS Socket | Plastic | 15.5mm | 2x6mm ² , 3x1.5mm ² | 7638-2 | 5 | Nickel-Plated Brass | Crimped | 12V |
| 00425070 | ABS Socket | Plastic | 7-12mm | 2x4mm ² , 3x1.5mm ² | 7638-2 | 5 | Nickel-Plated Brass | Screw | 12V |
| 00420600 | EBS Socket | Plastic | — | — | 7638-2 | — | — | — | 12V |
| 00425470 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 3x1.5mm ² | 7638-2 | 7 | Nickel-Plated Brass | Screw | 12V |
| 00583900 | EBS Socket | Plastic | 15.5mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00583970 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00584000 | EBS Socket | Plastic | 15.5mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00584070 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00584170 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00585700 | EBS Socket | Plastic | 15.5mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |
| 00585770 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |
| 00585900 | EBS Socket | Plastic | 15.5mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |
| 00586970 | EBS Socket | Plastic | 7-12mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |
| 00520800 | EBS Plug | Plastic | 15-17mm | 2x4mm ² , 5x1.5mm ² | 7638-2 | 7 | Nickel-Plated Brass | Screw | 12V |
| 00594800 | EBS Plug | Plastic | 15-17mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00594870 | EBS Plug | Plastic | 11.5-14.5mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Screw | 24V |
| 00595700 | EBS Plug | Plastic | 15-17mm | 2x6mm ² , 3x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |
| 00595770 | EBS Plug | Plastic | 11.5-14.5mm | 2x4mm ² , 5x1.5mm ² | 7638-1 | 7 | Nickel-Plated Brass | Crimped | 24V |