

00585700 & 00586970 CONNECTORS

7-Pole Plastic Body EBS Sockets • 24V • ISO 7638-1



Specifications Overview

Voltage: 24V
Standards: ISO 7638-1

Web Resources

Download technical resources at:
littelfuse.com/connectors



Description

The EBS system conforming to ISO/DIN 7638 is compulsory on all vehicles weighing over 3,5 tons. These connectors are used for the electrical connection of the EBS braking system between a truck tractor and a trailer or semitrailer in the commercial vehicles sector, both for 24V and 12V electrical systems.

The connectors are available in a 7 pole version for the EBS braking system.

EBS requires two additional contacts in order to permit the exchange of data between cab and trailer, so as to optimize the braking effect.

The sockets are provided with an expulsion system of the plug in case it is not plugged in correctly.

Features and Benefits

- Standards: Conforms to ISO 7638-1 standards.
- Conforms to ADR/GGVS norm requirements for vehicles transporting hazardous goods.
- Version of crimp contacts with a special tool.
- Version of screw contacts (suitable for the spare parts market)
- Mechanical resistance and watertightness guarantee an efficient and reliable electrical connection.

Ordering Information

PART NUMBER	ISO	REAR CABLE OUTLET	TERMINAL TYPE	POLE SECTION	CABLE DIAMETER
00585700	7638-1	Screw-on	crimp	2x6+5x1,5 mm ²	15,5 mm
00585770	7638-1	Screw-on	crimp	2x4+5x1,5 mm ²	7/12 mm
00583900	7638-1	Screw-on	screw	2x6+5x1,5 mm ²	15,5 mm
00583970	7638-1	Screw-on	screw	2x4+5x1,5 mm ²	7/12 mm
00585900	7638-1	Bayonet	crimp	2x6+5x1,5 mm ²	15,5 mm
00585970	7638-1	Bayonet	crimp	2x4+5x1,5 mm ²	7/12 mm
00584000	7638-1	Bayonet	screw	2x6+5x1,5 mm ²	15,5 mm
00584070	7638-1	Bayonet	screw	2x4+5x1,5 mm ²	7/12 mm
00586900	7638-1	Bayonet 90°	crimp	2x6+5x1,5 mm ²	15,5 mm
00586970	7638-1	Bayonet 90°	crimp	2x4+5x1,5 mm ²	7/12 mm
00584100	7638-1	Bayonet 90°	screw	2x6+5x1,5 mm ²	15,5 mm
00584170	7638-1	Bayonet 90°	screw	2x4+5x1,5 mm ²	7/12 mm

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Accessories

PART NUMBER	IMG.	SOCKET	DESCRIPTION OF ACCESSORIES
00601100 (10 pcs)	1	00585700 00583900 00585900 00584000 00586900 00584100	Nut + Rubber seal for EBS socket (cable diameter 15,5 mm)
00605000 (10 pcs)	2	00585770 00583970 00585970 00584070 00586970 00584170	Nut + Rubber seal for EBS socket (cable diameter 7/12 mm)
00601400	4	00585700 00585900 00586900	Kit of crimp pins for EBS socket (2x6+5X1,5mm ²)
00605200	4	00585770 00585970 00586970	Kit of crimp pins for EBS socket (2x4+5X1,5mm ²)
00604500	5	00583900 00583970 00584000 00584070 00584100 00584170	Kit of screw pole for 7 pins EBS socket
00601600 (200 pcs) 00601660 (100 pcs)	4	00585700 00585900 00586900	Male crimp pins for EBS socket 6 mm ²
00601700 (300 pcs) 00601761 (200 pcs)	3	00585700 00585770 00585900 00585970 00586900 00586970	Male crimp pins for EBS socket 1,5 mm ²
00602400 (200 pcs) 00602460 (100 pcs)	4	00585770 00585970 00586970	Male crimp pins for EBS socket 4 mm ²
00604490 (150 pcs)	5	00583900 00583970 00584000 00584070 00584100 00584170	Male screw pins for EBS sockets
00585600	6	for all plugs	24V EBS Parking Socket
07990300	7	00585700 00585770 00585900 00585970 00586900 00586970	Hand Crimping tool for EBS pins

