

00420300 & 00425570 CONNECTORS

7-Pole Plastic Body EBS Sockets • 12V • ISO 7638-2



Specifications Overview

Voltage: 12V
Standards: ISO 7638-2

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 7638-2, 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
00420300	7638-2	Screw-on	crimp	2x6+5x1,5 mm ²	15,5 mm
00425300	7638-2	Screw-on	screw	2x6+5x1,5 mm ²	15,5 mm
00425370	7638-2	Screw-on	screw	2x4+5x1,5 mm ²	7/12 mm
00420700	7638-2	Bayonet	crimp	2x6+5x1,5 mm ²	15,5 mm
00425400	7638-2	Bayonet	screw	2x6+5x1,5 mm ²	15,5 mm
00425470	7638-2	Bayonet	screw	2x4+5x1,5 mm ²	7/12 mm
00420900	7638-2	Bayonet 90°	crimp	2x6+5x1,5 mm ²	15,5 mm
00425500	7638-2	Bayonet 90°	screw	2x6+5x1,5 mm ²	15,5 mm
00425570	7638-2	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	00420300 00425300 00420700 00425400 00420900 00425500	Nut + Rubber seal for EBS socket (cable diameter 15,5 mm)
00605000 (10 pcs)	2	00425370 00425470 00425570	Nut + Rubber seal for EBS socket (cable diameter 7/12 mm)
00601400	4	00420300 00420700 00420900	Kit of crimp pins for EBS socket (2x6+5X1,5mm ²)
00604500	5	00425300 00425370 00425400 00425470 00425500 00425570	Kit of screw pole for 7 pins EBS socket
00601600 (200 pcs) 00601660 (100 pcs)	4	00420300 00420700 00420900	Male crimp pins for EBS socket 6 mm ²
00601700 (300 pcs) 00601761 (200 pcs)	3	00420300 00420700 00420900	Male crimp pins for EBS socket 1,5 mm ²
00604490 (150 pcs)	5	00425300 00425370 00425400 00425470 00425500 00425570	Male screw pins for EBS sockets
00420600	6	for all plugs	12V EBS Parking Socket
07990300	7	00420300 00420700 00420900	Hand Crimping tool for EBS pins

