

00420200 & 00425270 CONNECTORS

5-Pole Plastic Body ABS Sockets • 12V • ISO 7638-2



Specifications Overview

Voltage: 12V
Standards: ISO 7638-2

Web Resources

Download technical resources at:
littelfuse.com/connectors



Description

The ABS 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 ABS 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 5 pole version for the ABS braking system. 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
00420200	7638-2	Screw-on	crimp	2x6+3x1,5 mm ²	15,5 mm
00425000	7638-2	Screw-on	screw	2x6+3x1,5 mm ²	15,5 mm
00425070	7638-2	Screw-on	screw	2x4+3x1,5 mm ²	7/12 mm
00420500	7638-2	Bayonet	crimp	2x6+3x1,5 mm ²	15,5 mm
00425100	7638-2	Bayonet	screw	2x6+3x1,5 mm ²	15,5 mm
00425170	7638-2	Bayonet	screw	2x4+3x1,5 mm ²	7/12 mm
00420800	7638-2	Bayonet 90°	crimp	2x6+3x1,5 mm ²	15,5 mm
00425200	7638-2	Bayonet 90°	screw	2x6+3x1,5 mm ²	15,5 mm
00425270	7638-2	Bayonet 90°	screw	2x4+3x1,5 mm ²	7/12 mm

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Accessories

PART NUMBER	IMG.	SOCKET	DESCRIPTION OF ACCESSORIES
00601100 (10 pcs)	1	00420200 00425000 00420500 00425100 00420800 00425200	Nut + Rubber seal for ABS socket (cable diameter 15,5 mm)
00605000 (10 pcs)	2	00425070 00425170 00425270	Nut + Rubber seal for ABS socket (cable diameter 7/12 mm)
00601200	4	00420200 00420500 00420800	Kit of crimp pins for ABS socket (2x6+3X1,5mm ²)
00604400	5	00425000 00425070 00425100 00425170 00425200 00425270	Kit of screw pins for 5 pole ABS socket
00601600 (200 pcs) 00601660 (100 pcs)	4	00420200 00420500 00420800	Male crimp pins for ABS socket 6 mm ²
00601700 (300 pcs) 00601761 (200 pcs)	3	00420200 00420500 00420800	Male crimp pins for ABS socket 1,5 mm ²
00604490 (150 pcs)	5	00425000 00425070 00425100 00425170 00425200 00425270	Male screw pins for ABS sockets
00420600	6	for all plugs	12V ABS Parking Socket
07990300	7	00420200 00420500 00420800	Hand Crimping tool for ABS pins



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