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00556170 & 00559470 SPIRAL TRAILER CONNECTORS

ABS Coils • 24V/12V • HYTREL® and Polyurethane • ISO 7638-1 and ISO 7638-2



00556170
00556070



00555800
00555900



00559470



00556670
00556770



00556800
00556900



00556400
00556500

Specifications Overview

Voltage:	24V/12V
Standards:	ISO 7638-1
	ISO 7638-2
	ISO 4141

Web Resources

Download technical resources at:
littelfuse.com/spiraltrailerconnectors

Description

24V or 12V electrical coils with ABS are used to connect a trucks tractors and a semitrailers in the commercial vehicles sector, conforming to ISO 7638-1 and ISO 7638-2. They are authorized for electrical connections on vehicles transporting hazardous goods, based on the technical specifications given by ADR/GGVS norms.
The cables are conform to ISO 4141, and with external sheath made of HYTREL® (TEEE) or POLYURETHANE(TPU).
The coils of HYTREL® (TEEE) are available in two versions, with 80mm (large version) and 40mm (medium version) turn diameter.
The coils of POLYURETHANE (TPU) are available only with 30 mm turn diameter (small version).

Features and Benefits

- Standards: Conforms to ISO 7638-1 and ISO 4141 recommendations and standards.
- External sheath of HYTREL® (TEEE) has high resistance against mechanical abrasion and chemical agents and is mostly used by OE manufacturer.
- Polyurethane version has 3,5 m and 4,5 maximum extensible length.
- External Polyurethane sheat provides high flexibility together with good mechanical charateristics even at very low temperature.
- All coils are available with a bending protection grommet.

Ordering Information

PART NUMBER	CABLE MATERIAL	CABLE Ø	TURN Ø	CABLE CORES	MAX. LENGTH	ISO
00556170	HYTREL®	13,5 mm	80 mm	2x4+3x1,5 mm²	3,5 m	7638-1 24V
00556070	HYTREL®	13,5 mm	80 mm	2x4+3x1,5 mm²	4,5 m	7638-1 24V
00555900	HYTREL®	13,5 mm	80 mm	2x6+3x1,5 mm²	3,5 m	without plugs
00555800	HYTREL®	13,5 mm	80 mm	2x6+3x1,5 mm²	4,5 m	without plugs
00559470	HYTREL®	12 mm	40 mm	2x4+3x1,5 mm²	4 m	7638-1 24V
00556770	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	3,5 m	7638-1 24V
00556670	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	4,5 m	7638-1 24V
00556900	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	3,5 m	7638-2 12V
00556800	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	4,5 m	7638-2 12V
00556500	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	3,5 m	without plugs
00556400	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm²	4,5 m	without plugs

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