



*Image for illustrative purpose only*

## Summary

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Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/exa-0s-650-ntd.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/exa-0s-650-ntd.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	PCB - Straight
Insert configuration value	0S.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	50 Ohm
OHM	50
VSWR	$1.03 + 0.34 * f/\text{GHz}$
Vtest	1200 V (AC), 1700 V (DC)
Cable type	RGT 178, RGT 174

## Form & Material

Shell style / Model id	EXA - Fixed receptacle for printed circuit
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) collet and crimping tube, brass (chrome plated [SAE AMS 2460]) collet nut
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	6.09 g

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## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

## Recommended By Lemo

### Tools

Spanner 2	<a href="#">DCM.65.106.AZ4</a>
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[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/esa-0s-650-ntd.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/esa-0s-650-ntd.html)

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