



## Summary

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Number of contacts Low Voltage	7
Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 22.60 mm
Size	3E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-3e-707-cla.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-3e-707-cla.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	3E.707 - 1 High V. 7 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	LV 8, HV 3 A
Test voltage LV Ue (kV rms)	1
Working voltage HV contact - Us (kV rms)	2.1
Contact Type	Solder
Number of contacts Low Voltage	7
Number of contacts High Voltage	1
Note performance	Please use heatshrink to guarantee High Voltage performance.

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Weight	65.49 g

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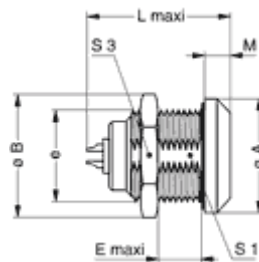
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	2.60 - 22.60 mm
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## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>
mm.	31	34	M24x1.0	11	34	6	22.5	30
in.	1.22	1.34		0.43	1.34	0.24	0.89	1.18

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