



## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	5
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 22.60 mm
Size	3E
Suggested matching part	<a href="#">FFA.3E.305.CLAC11</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	3E.305 - 2 (2 mm) + 3 (1.3 mm) Low Voltage
Insulator	T: PTFE
Rated current	2x2.0 contacts: 18 Amps and 3x1.3 contacts : 14 A
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	5

## 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 female pin 1

## 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

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html)

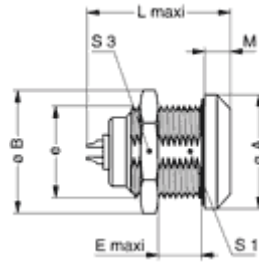
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Cable fixation

Jacket cable outside diameter [mm]

2.60 - 22.60 mm

## 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

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-3e-305-ctl.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.