

Special



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Summary

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SE series

Number of contacts Low Voltage	24
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M30
Size	4E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-4e-324-cln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	24
Contact Termination Low voltage	PCB - Straight
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	4E.324 - 24 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	3
Contact Dia.	0.9 mm (0.035 in)

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
Colour	Grey
Weight	98.86 g
Panel Drill Hole	M30

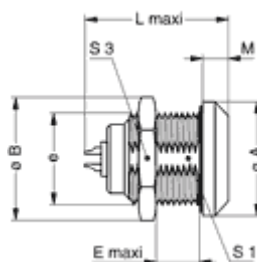
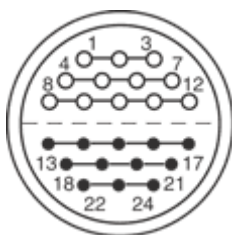
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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic 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

Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	37	41.5	M30x1.0	9	36	6.5	28.5	36
in.	1.46	1.63		0.35	1.42	0.26	1.12	1.42

Recommended By Lemo

Caps

Compatible cap	BRE.4K.200.NAS
Cap 2	BRE.4K.200.NAV

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