



Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	20
Wire Size/AWG	24 - 16
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.00 - 33.60 mm
Size	5S
Matching parts	FFA.5S.320.CLAC13
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-320-cll.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.

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	5S.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11 Amps
Vtest	1800 V (AC), 2400 V (DC)
Contact Type	Solder
Max. Solid Conductor	1 mm ² (AWG 16)
Max. Stranded Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Number of contacts Low Voltage	20
Wire Size/AWG	24 - 16

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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Weight	132.41 g

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-320-cll.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.

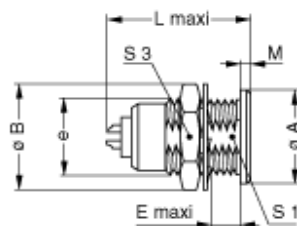
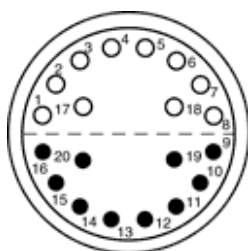
Environment

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
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	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	5.00 - 33.60 mm
------------------------------------	-----------------

Drawings



Dimensions

	A	B	e	E	L	M	S1
mm.	40	40	M35x1.0	15.5	45	3	33.5
in.	1.57	1.57		0.61	1.77	0.12	1.32

Recommended By Lemo




Accessories

Tools

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-320-cll.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.

Cables

Cable PartNumber	Material	Colour	Cable image
420250	PVC	Grey	
420500	PVC	Grey	
520750	PVC	Grey	

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-320-cll.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.