

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[SE series](#)[Customer Drawing](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M20
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Suggested matching part	FFA.2E.303.CLAC40
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-303-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	2E.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Test voltage (kV DC)	2.1
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	28 - 20

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	34.38 g
Panel Drill Hole	M20

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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

Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
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Recommended By Lemo

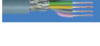
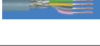
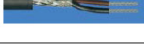
Caps

Compatible cap	BRE.2K.200.NAS
Cap 2	BRE.2K.200.CAS

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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