

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)

BKT series

Number of contacts Low Voltage	3
Wire Size/AWG	24 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M9
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	OT
Suggested matching part	FGL.OT.303.CYMC45
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/eel-0t-303-cyc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	T.303 - 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	8 A
Test voltage contact-contact	2.4 kV DC
Test voltage contact-shell	2.3 kV DC
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	24 - 20
Gender	Reverse Gender

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, back panel mounting
Socket / Receptacle	Fixed Panel Rear 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	L: 2 keys (gamma=80, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	5.6 g
Panel Drill Hole	M9

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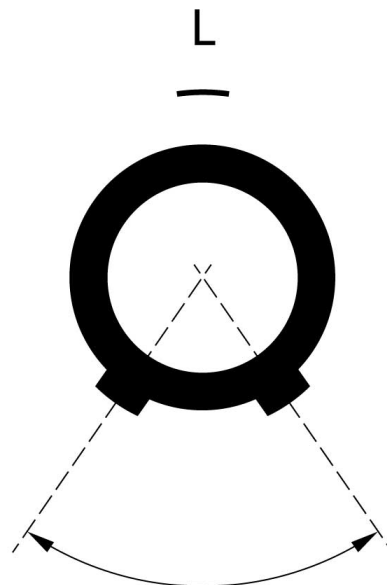
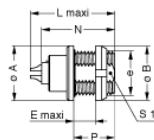
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 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]
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]	1.00 - 8.30 mm
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Drawings



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Dimensions

	A	B	e	E	Lmax	Nmax	S1	P
mm.	12	12	M9x0.6	6.5	21	19.1	8.2	9
in.	0.47	0.47		0.26	0.83	0.75	0.32	0.35

Recommended By Lemo

Contacts

Replacement contact [FGG.0B.560.ZZC](#)

Caps

Compatible cap [BRE.0T.200.CAZ](#)

Soft Cap [BEZ.0B.200.SCN](#)

Tools

Spanner 2 [DCM.65.106.AZ4](#)

Positionner [DCE.91.090.BVC](#)

Extraction tool [DCC.09.05B.LAG](#)

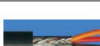
Crimp tool [DPC.91.701.V](#)

Spanner wrench [Socket for torque wrench DCM.0S.M09.4](#)

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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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