## EGL.3T.305.CLA





Image for illustrative purpose only

### **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	E
Number of contacts Low Voltage	5
Wire Size/AWG	24 - 16
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3T
Suggested matching part	FGL.3T.305.CLLC11
Series	T - Small Outdoor keyed

## **Technical details**

#### **Electrical Configuration**

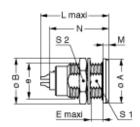
Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12.5 A
Vtest (contact-contact)	2.7 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid Conductor	1 mm^2 (AWG 16)
Max. Stranded Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16
Gender	Reverse Gender
Form & Material	
Shell style / Model id	EG - 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	L: 2 keys (gamma=70, plug: female contacts, receptacle: male contacts)
Colour	Grey

#### **Environment**

Environmental sealing (IP rating)	IP68			
Endurance	>3000 mating cycles			
Temperature range	-55°C / $+200$ °C (max. temperature valid for short periods of use.)			
Climatical Category	50/175/21			
Humidity (max)	<=95% [at 60 deg C /140 F]			
Resistance to vibration	15 g [10 Hz - 2000 Hz]			
Shock Resistance	100 g [ 6 ms]			
Salt Spray Corrosion	>1000 hr			
Cable fixation				
Jacket cable outside diameter [mm]	2.00 - 16.60 mm			

# **Drawings**







#### **Dimensions**

	A	В	е	E	L	M	N	<b>S1</b>	<b>S2</b>
mm.	23.5	25.1	M18x1.0	9.6	30.1	2.5	25	16.5	22
in.	0.93	0.99		0.38	1.19	0.1	0.98	0.65	0.87

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.3T.200.CAZ

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.05.T18.065PGZE		grey	
CMN.05.T18.065PNZE			
CMN.05.T20.057PGZE		grey	
CMN.05.T20.057PNZE			
CMN.05.T20.057QGZE	TPR (medical)	Grey	
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	