EGL.3T.305.CYC





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	5
Wire Size/AWG	18 - 14
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
Series	T - Small Outdoor keyed

Technical details

Electrical Configuration

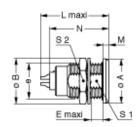
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Number of contacts Low Voltage	5
Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	12.5 A
Vtest (contact-contact)	3.4 kV (DC)
Vtest (contact-shell)	2.5 kV (DC)
Contact retention	50 N
Max. Conductor	1.5 mm^2 (AWG 14)
Min. Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.9 mm (0.075in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	18 - 14
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 >3000 mating cycles		
Endurance			
Temperature range	-55°C / $+200^{\circ}\text{C}$ (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	S1	S2
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

Replacement contact	FGG.3B.570.ZZC
Compatible cap	BRE.3T.200.CAZ

$\underline{https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egl-3t-305-cyc.html}$

Tools

Positionner	DCE.91.163.BVCM		
Extraction tool	DCC.16.25B.LAG		
Crimp tool	DPC.91.101.A		

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	