EGL.2T.302.CYB





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
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]	1.00 - 12.60 mm
Size	2T
Series	T - Small Outdoor keyed

Technical details

Electrical Configuration

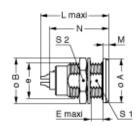
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Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	T.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	20.5 A
Vtest (contact-contact)	4.1 kV (DC)
Vtest (contact-shell)	3.8 kV (DC)
Contact retention	65 N
Max. Conductor	1.5 mm^2 (AWG 14)
Max. Solid Conductor	1.5 mm^2 (AWG 14)
Max. Stranded Conductor	1.5 mm^2 (AWG 16)
Min. Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.9 mm (0.075in)
Contact Dia.	2 mm (0.079in)
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

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.)			
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]	1.00 - 12.60 mm			

Drawings







Dimensions

	Α	В	е	E	L	M	N	S1	S2
mm.	18.5	19.6	M15x1.0	13.5	23.6	1.8	24.6	13.5	17
in.	0.73	0.77		0.53	0.93	0.07	0.97	0.53	0.67

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.576.ZZC
Compatible cap	BRE.2T.200.CAZ
Tools	
Positionner	DCE.91.202.BVCM
Extraction tool	DCC.20.25B.LAG
Crimp tool	DPC.91.101.A

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T14.072PGZE		grey	-
CMN.02.T14.072PNZE		black	= S
CMN.02.T14.072QGZE	TPR (medical)	Grey	2 5
CMN.02.T14.078PGZE		grey	
CMN.02.T14.078PNZE			
CMN.02.T18.064UNCU			
CMN.02.T20.047PGZE		grey	-
CMN.02.T20.047PNZE			= ====
CMN.02.T20.048QGZE	TPR (medical)	Grey	=
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		grey	= ====
CMN.02.T28.030PNCE	PVC	Black	-
CMN.02.T28.030PNZE			
102080	PVC	Grey	
120184	PVC	Black	5-6
120240	PVC	Black	
120250	PVC	Grey	-
120500	PVC	Grey	× ====
120501	PVC	Grey	= =
120751	PVC	Grey	= =
20140	PVC	Grey	-1-
20140	PVC	Grey	-1-
20141	PVC	Grey	-3-(-)
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	E_ E
20240	PTFE	White	*
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	
2050	PVC	Black	-
20550	PUR	Black	-
20560	PUR	White	-
2080	PVC	Grey	
220151	PVC	Grey	
220750	PVC	Grey	> >
2221	PVC	Black	
2260	PTFE	White	= =====================================
2280	PVC	Black	
320150	PVC	Grey	-
4082 CMP 02 210 625	PVC	Grey	
CMB.02.210.635	PUR	Black	

$\underline{https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egl-2t-302-cyb.html}$

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