FGG.0T.305.CLAC35Z



Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.10 - 3.50 mm
Size	0T
Suggested matching part	EGG.0T.305.CLL
Series	T - Small Outdoor keyed

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6.5 A
Vtest (contact-contact)	1000 V (AC), 1400 V (DC)
Vtest (contact-shell)	700 V (AC), 1000 V (DC)
Contact Type	Solder
Max. Conductor	0.34 mm^2 (AWG 22)
Max. Stranded Conductor	0.34 mm^2 (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	7.16 g

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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
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	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.10 - 3.50 mm

Recommended By Lemo

Accessories	
Compatible cap	BFG.0T.100.CAS

Tools	
Spanner	DCP.0T.110.TN

Cables

Cable PartNumber	Material	Colour	Cable image
5050	PVC	Black	

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