

SUMMARY

Wires

Low voltage	30
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Image is for illustrative purpose only

Series	3F
Termination type	Male crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 16.00 mm
Status	active
Matching parts	FGS.3F.330.XLM

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[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EH*: Fixed receptacle, nut fixing (back panel mounting, printed circuit mounting possible)
Keying	3 keys (beta=140, gamma=80, plug: female contacts, receptacle: male contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	19.54 g

Performance

Configuration	3F.330 : 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3.5 Amps

Specifications

Contact Type:	Crimp
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)

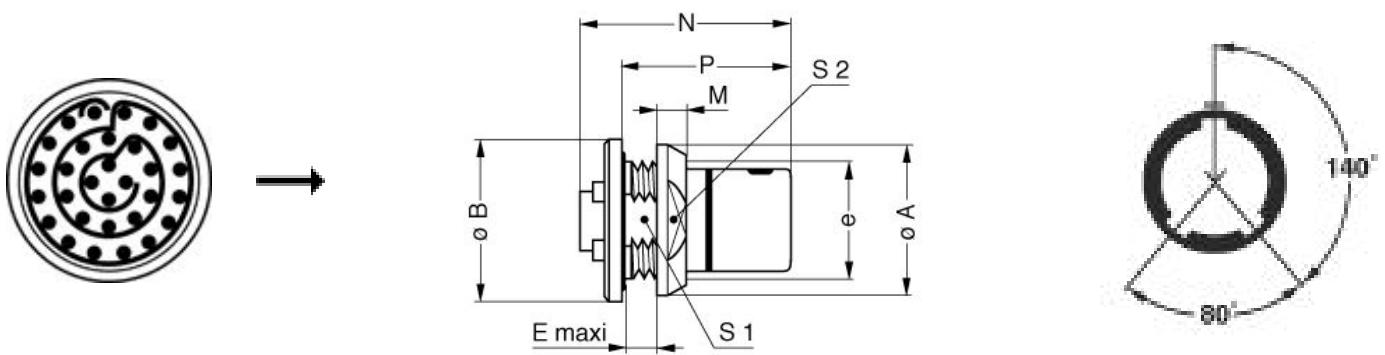
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -15°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 15/200/21 (Aluminium shell)
Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

	A	B	E	H	L	M	P	S1	S2	e
mm.	22	23	3	11.43	21.6	4	14.5	16.5	19	M18x1.0
in.	0,87	0,91	0,12	0,45	0,85	0,16	0,57	0,65	0,75	

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

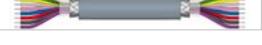
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Positionner: [DCE.91.070.BVC](#)

Extractor: [DCF.93.070.4LT](#)

Replacement contact: FGG.0B.555.ZZC

Cables

CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		Grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330240	PVC	Black	
330260	PVC	Black	
430250	PVC	Grey	

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