

SUMMARY

Wires

Low voltage	8
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Image is for illustrative purpose only

Series	2F
Termination type	Female crimp
IP rating	67
AWG wire size	24.00 - 20.00
Cable Ø	5.30 - 14.00 mm
Status	active
Matching parts	FGN.2F.308.XLC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PE*: Straight receptacle, nut fixing (back panel mounting)
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	11.17 g

Performance

Configuration	2F.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type:	Crimp
Contact Retention:	30 N
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.1 mm (0.043in)
Min. Conductor:	0.25 mm ² (AWG 24)
Max. Conductor:	0.5 mm ² (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	1950 V (AC), 2750 V (DC)

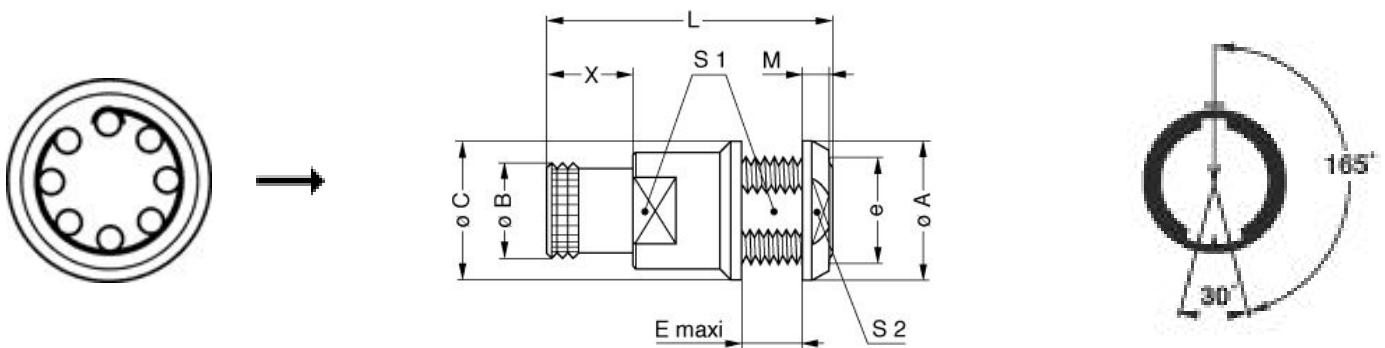
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Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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	C	E	L	M	S1	S2	X	e
mm.	20	14	20	6.4	26.7	4	14.5	17	8	M16x1.0
in.	0,79	0,55	0,79	0,25	1,05	0,16	0,57	0,67	0,31	

RECOMMENDED BY LEMO

Tools

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

Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: [DCE.91.090.BVM](#)

Extractor: [DCF.93.090.4LT](#)

Replacement contact: EGG.0B.660.ZZM

Cables

CMN.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		Grey	
CMN.08.T20.067PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
108220	PVC	Black	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
380500	PVC	Grey	
380750	PVC	Grey	
42265	PVC	Yellow	
80140	PVC	Grey	

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