

SUMMARY

Wires

Low voltage	2
High voltage	2
Fiber optic	2
Series	3K
Termination type	Hybrid contacts
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PUW.3K.93C.TLEC96



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FX*: Fixed plug with round flange (4 hole fixing) without collet
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Housing Material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight	126.79 g

Performance

Configuration	3K.93C : 2 FO Type F2, 2 HV + 2 LV
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

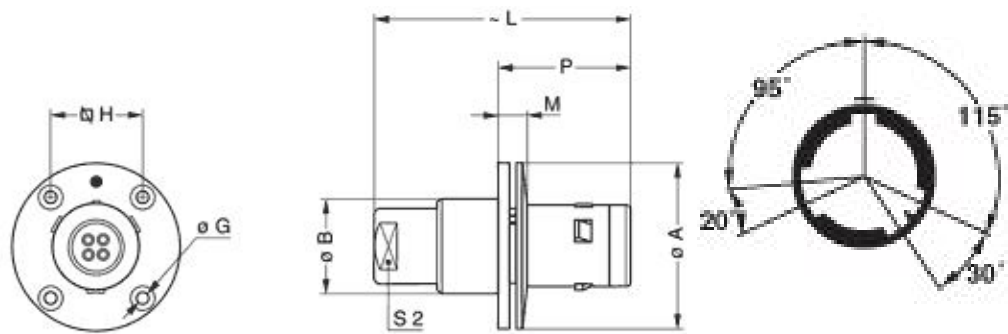
Fiber Optic Contact: Type F2
Vtest power/signal (AC): 2250V , 1000V
Working voltage power/signal(AC): 600V , 42V
Cable type: SMPTE 311M or EBU R100

Others

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Endurance (Shell): 20000 mating cycles
Temp (min / max): -40°C / +80°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: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)

DRAWINGS



Dimensions

	A	L	M	P
mm.	38	61	10	30
in.	1,50	2,40	0,39	1,18

RECOMMENDED BY LEMO

Tools

- Crimp settings: AWG/Selector = 14-16-18 20-22-24/7-6-5 6-5-5
- Positionner: [DCE.91.093.BVC](#)
- Positionner 2: [DCE.91.133.BVCM](#)
- Extractor: [DCC.09.05B.LAG](#)

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Extractor 2:	DCC.13.15B.LAG
Fiber Tool:	WST.KI.125.34
Fiber Tool 2:	DCB.91.119.0TN
Replacement contact:	FGW.3K.565.ZZC / EGG.3B.660.ZZM
Spanner wrench:	DCD.3E.ZZZ.PA150

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