



Summary

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Fiber optic	2
Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Wire Size/AWG	24 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3K
Matching parts	FUW.3K.93C.YSEC96
Series	3K.93C.Y - SMPTE Hybrid

Technical details

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/ebw-3k-93c-yse.html

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Electrical Configuration

Contact Termination Low voltage	Crimp
Fiber optic	2
Insert configuration value	3K.93C - 2 FO Type F2, 2 HV + 2 LV
Rated current	10 Amps
Fiber Optic Contact	Type F2
Vtest power/signal (AC)	2250V , 1000V
Working voltage power/signal(AC)	600V , 42V
Cable type	Cable type: A SMPTE 311M or EBU R100 S
Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Wire Size/AWG	24 - 20

Form & Material

Shell style / Model id	EB - Fixed receptacle with front square flange (4 mounting holes)
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Special housing (see notes for details)
Locking system	Push-pull
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Weight	52.47 g

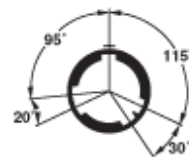
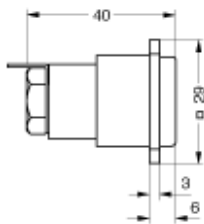
Environment

Environmental protection (IP rating)	IP68
Minimal temperature	-40°C / +80°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]

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Drawings



Dimensions

	F	A	M	H	L	G
mm.	3	29	6	23	40	3.5
in.	0.12	1.14	0.24	0.91	1.57	0.14

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