



Summary

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| | |
|------------------------------------|-----------------------------------|
| Fiber optic | 2 |
| Low Voltage | 2 |
| High Voltage | 2 |
| Wire Size/AWG | 24 - 20 |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 8.90 - 9.50 mm |
| Size | 3K |
| Matching parts | FUW.3K.93C.YSMC96 |
| Series | 3K.93C.Y - SMPTE Hybrid |

Technical details

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/puw-3k-93c-yscc96.html

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Electrical Configuration

| | |
|----------------------------------|---|
| Contact Termination Low voltage | Crimp |
| Contact Termination High voltage | Crimp |
| Fiber optic | 2 |
| Contact Termination Fiber optic | Crimp |
| 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 |
| Contact Type | Crimp |
| Cable type | Cable type: A SMPTE 311M or EBU R100 S |
| Low Voltage | 2 |
| High Voltage | 2 |
| Wire Size/AWG | 24 - 20 |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PU - Free receptacle, 'Y' design, cable collet adapter and long shell for fitting a bend relief with cap (with enhanced screen efficiency) |
| Socket / Receptacle | Free |
| 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 | 82.77 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] |

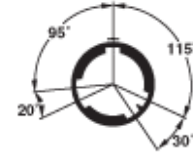
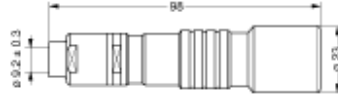
https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/puw-3k-93c-yssc96.html

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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 8.90 - 9.50 mm |

Drawings



Dimensions

| | A | L |
|-----|------|------|
| mm. | 23 | 98 |
| in. | 0.91 | 3.86 |

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