



Summary

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Number of contacts Low Voltage	2
Number of contacts High Voltage	3
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phl-3k-7h2-cjck11.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Contact Termination High voltage	Crimp
Insert configuration value	3K.7H2 - 3 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated current	2 A
Contact Type	Crimp
Number of contacts Low Voltage	2
Number of contacts High Voltage	3
Gender	Reverse Gender

Form & Material

Shell style / Model id	PH - Free receptacle with oversize cable collet
Socket / Receptacle	Free
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	127.13 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°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]
Salt Spray Corrosion	>1000 hr

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

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