PHG.0K.305.CLLC40Z





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Summary

Request a quote

Catalog	
Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.60 - 4.00 mm
Size	0K
Suggested matching part	FGG.0K.305.CLAC40Z
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Contact Termination Low voltage R (max) 6.1 mOhm Insert configuration value 0K.305 - 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 6.5 A Vtest (contact-contact) 1.4 kV (DC) Wax. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief		
R (max) 6.1 mOhm Insert configuration value 0K.305 - 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 6.5 A Vtest (contact-contact) 1.4 kV (DC) Vtest (contact-shell) 1 kV (DC) Max. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Free 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Variant Nut for fitting a bend relief	Number of contacts Low Voltage	5
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Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 6.5 A Vtest (contact-contact) 1.4 kV (DC) Vtest (contact-shell) 1 kV (DC) Max. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Grey Variant Nut for fitting a bend relief	R (max)	6.1 mOhm
Rated current Vtest (contact-contact) 1.4 kV (DC) Vtest (contact-shell) 1 kV (DC) Max. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Free 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Variant Nut for fitting a bend relief	Insert configuration value	0K.305 - 5 Low Voltage
Vtest (contact-contact) 1.4 kV (DC) Vtest (contact-shell) 1 kV (DC) Max. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Insulator	L: PEEK (UL 94 / V-0/1.5)
Nest (contact-shell) 1 kV (DC) Max. Solid Conductor 0.34 mm² (AWG 22) Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Locking system Push-pull Keying G:1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Rated current	6.5 A
Max. Solid Conductor Max. Stranded Conductor 0.34 mm² (AWG 22) Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Free 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Vtest (contact-contact)	1.4 kV (DC)
Max. Stranded Conductor Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Vtest (contact-shell)	1 kV (DC)
Bucket Dia. 0.8 mm (0.031in) Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id Socket / Receptacle Housing material Locking system Push-pull Keying Grey Variant O.8 mm (0.031in) 0.7 mm (0.028in) 8 mm (0.028in) 9 hour (0.028in) 8 mm (0.028in) 9 hour (0.028in) 8 mm (0.031in) 9 hour (0.028in) 9 hour (0.028in) 8 hour (0.028in) 9 hour (0.028in) 8 hour (0.028in) 9 hour (0.028in) 8 hour (0.028in) 9 hour (0.028in) 9 hour Free receptacle, cable collet and nut for fitting a bend relief	Max. Solid Conductor	0.34 mm² (AWG 22)
Contact Dia. 0.7 mm (0.028in) Wire Size/AWG 30 - 22 Gender Standard Form & Material Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Free 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Max. Stranded Conductor	0.34 mm² (AWG 22)
Wire Size/AWG Gender Standard Form & Material Shell style / Model id Socket / Receptacle Housing material Locking system Reying Gery Variant Standard Standard Standard PH - Free receptacle, cable collet and nut for fitting a bend relief Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces Free Gery Variant Nut for fitting a bend relief	Bucket Dia.	0.8 mm (0.031in)
Gender Standard Form & Material Shell style / Model id Shell style / Receptacle Housing material Locking system Keying Gender Standard PH - Free receptacle, cable collet and nut for fitting a bend relief Free Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces Push-pull Gender Gender Standard PH - Free receptacle, cable collet and nut for fitting a bend relief	Contact Dia.	0.7 mm (0.028in)
Shell style / Model id PH - Free receptacle, cable collet and nut for fitting a bend relief Socket / Receptacle Free 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 G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Wire Size/AWG	30 - 22
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Housing material nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Grey Variant Nut for fitting a bend relief	Socket / Receptacle	Free
Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Housing material	nut and latch sleeve, nickel plated [SAE AMS QQ N
Colour Grey Variant Nut for fitting a bend relief	Locking system	Push-pull
Variant Nut for fitting a bend relief	Keying	
<u> </u>	Colour	Grey
Weight 14.71 g	Variant	Nut for fitting a bend relief
	Weight	14.71 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 (max. temperature valid for short periods of use.)
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
Cable fixation	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.60 - 4.00 mm

Recommended By Lemo

Accessories

Compatible cap BRF.0K.200.NAS