PKG.2B.303.CLLD82Z





Image for illustrative purpose only

Summary

Request a quote

Catalog				
Number of contacts Low Voltage	3			
Wire Size/AWG	24 - 16			
Gender	Standard			
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted			
Locking system	Push-pull			
Jacket cable outside diameter [mm]	7.30 - 8.20 mm			
Size	2B			
Suggested matching part	FGG.2B.303.CLAD82Z			
Series	B - Indoor keyed			

Technical details

Electrical Configuration

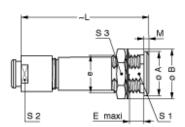
Contact Termination Low voltage R (max) 3.5 mOhm Insert configuration value 2B.303 - 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 17 A Vtest (contact-contact) Vtest (contact-shell) 2.6 kV (DC) Wax. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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					
R (max) 3.5 mOhm Insert configuration value 2B.303 - 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 17 A Vtest (contact-contact) 3.5 kV (DC) Vtest (contact-shell) 2.6 kV (DC) Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	3			
Insert configuration value 2B.303 - 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 17 A Vtest (contact-contact) 3.5 kV (DC) Vtest (contact-shell) 2.6 kV (DC) Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 34 - 16 Gender Standard FK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Experimental Shell style / Model id PK - Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	Contact Termination Low voltage	Solder			
Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 17 A Vtest (contact-contact) 3.5 kV (DC) Vtest (contact-shell) 2.6 kV (DC) Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard FK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	R (max)	3.5 mOhm			
Vtest (contact-contact) Vtest (contact-shell) Ze kV (DC) Max. Solid Conductor I mm^2 (AWG 16) Max. Stranded Conductor I mm^2 (AWG 18) Bucket Dia. Let mm (0.055in) Contact Dia. Let mm (0.063in) Wire Size/AWG Gender Standard Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Brass (chrome plated [SAE AMS QO N 290] brass latch sleeve and 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	Insert configuration value	2B.303 - 3 Low Voltage			
Vtest (contact-contact) 3.5 kV (DC) Vtest (contact-shell) 2.6 kV (DC) Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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)			
Vtest (contact-shell) 2.6 kV (DC) Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	Rated current	17 A			
Max. Solid Conductor 1 mm^2 (AWG 16) Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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)	3.5 kV (DC)			
Max. Stranded Conductor 1 mm^2 (AWG 18) Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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)	2.6 kV (DC)			
Bucket Dia. 1.4 mm (0.055in) Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Form & Material Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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. Solid Conductor	1 mm^2 (AWG 16)			
Contact Dia. 1.6 mm (0.063in) Wire Size/AWG 24 - 16 Gender Standard Form & Material Shell style / Model id Socket / Receptacle Housing material Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	1 mm^2 (AWG 18)			
Wire Size/AWG Gender Standard Form & Material Shell style / Model id Socket / Receptacle Housing material Locking system Keying Gery Variant Standard PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces Gery Variant Nut for fitting a bend relief	Bucket Dia.	1.4 mm (0.055in)			
Gender Standard PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Housing material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	Contact Dia.	1.6 mm (0.063in)			
Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	24 - 16			
Shell style / Model id PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	Gender	Standard			
for fitting a bend relief Socket / Receptacle Fixed Panel Front Mounted Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	orm & Material				
Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief			
Housing material collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces Locking system Push-pull G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Socket / Receptacle	Fixed Panel Front Mounted			
Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Grey Variant Nut for fitting a bend relief	Housing material	collet nut, nickel plated [SAE AMS QQ N 290] brass			
Colour Grey Variant Nut for fitting a bend relief	Locking system	Push-pull			
Variant Nut for fitting a bend relief	Keying				
`	Colour	Grey			
Weight 31.23 g	Variant	Nut for fitting a bend relief			
	Weight	31.23 g			

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV					
Environmental sealing (IP rating)						
Endurance	5000 mating cycles					
Temperature range	-55°C / $+250$ °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)	75 dB (10 MHz)					
Shielding (min)	40 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]	7.30 - 8.20 mm					

Drawings







Dimensions

	L	M	S1	S2	S3	E	A	В	е
mm.	46	1.8	13.5	12	17	8.5	18	19.2	M15x1.0
in.	1.81	0.07	0.53	0.47	0.67	0.33	0.71	0.76	

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-303-clld82z.html}$

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

Accessories

Compatible cap

BRA.2B.200.PCSG