

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 4B
Termination type Female crimp
IP rating 50
AWG wire size 16.00 - 12.00
Cable Ø 9.10 - 10.50 mm
Status active

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)
Keying 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
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
Variant Z : Nut for fitting a bend relief
Weight 77.15 g

Performance

Configuration 4B.306 : 6 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 24 Amps

Specifications

Contact Type: Crimp
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm² (AWG 16)
Max. Conductor: 2.5 mm² (AWG 12)

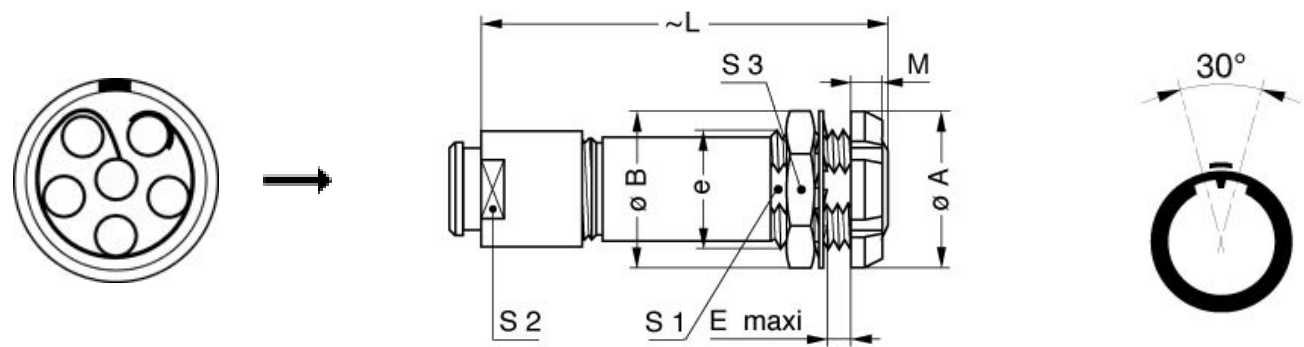
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

R (max): 3.3 mOhm
Vtest (contact-shell): 2400 V (AC), 3390 V (DC)
Vtest (contact-contact): 2750 V (AC), 3890 V (DC)

Others

Endurance (Shell): 5000
Temp (min / max): -55° C / +250° C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	30	32	11	69	4.5	23.5	20	30	M25x1.0
in.	1,18	1,26	0,43	2,72	0,18	0,93	0,79	1,18	

RECOMMENDED BY LEMO

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.

Tools

- Crimp Tool:

[DPC.91.101.A](#)
- Crimp settings:

AWG/Selector = 12-14-16/8-7-6
- Positionner:

[DCE.91.204.BVCM](#)
- Extractor:

[DCC.91.202.5LA](#)
- Replacement contact:

EKG.4B.675.ZZM

Cables

460150	PVC	Grey	
--------	-----	------	---

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.