



www.lemo.com

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2B

Termination type Female crimp

IP rating 50

AWG wire size 24.00 - 20.00 Cable Ø 1.40 - 9.90 mm

Status active

Matching parts FGG.2B.310.CYCD72Z

Download

Request a quote

Eplan Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Weight 15.83 g

Performance

Configuration 2B.310: 10 Low Voltage Insulator Y: PEEK for crimp contacts

Rated Current 8 Amps

Specifications

Contact Type: Crimp Contact Retention: 30 N Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm² (AWG 24) Max. Conductor: 0.5 mm² (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 2100 V (AC), 2970 V (DC) Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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.

Others

Endurance (Shell): 5000

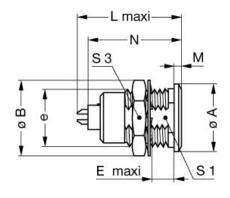
Temp (min / max): -55°C / +250°C

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

Draws







Dimensions

	А	В	E	L	М	N	S 1	\$3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0.71	0.77	0.33	1.05	0.07	0.97	0.53	0.67	

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

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.

Positionner: DCE.91.092.BVM
Extractor: DCF.91.090.2LT
Replacement contact: EGG.2B.660.ZZM

Cables

CMN.10.T22.068PGCE PVC GREY CMN.10.T28.052PGCE PVC GREY CMN.10.T28.053QGZE TPR (medical) Grey CMN.10.T20.080PGCE PVC GREY CMN.10.T20.080PGZE Grey CMN.10.T20.080PNZE Grey CMN.10.T20.080QGC TPR Grey CMN.10.T22.068PGZE Grey Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE Grey Grey CMN.10.T22.068QGZ TPR (medical) Grey CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNZE FVC Black 110 220 PVC Black FVC 110 240 PTFE White FVC 110 280 PVC Black FVC 210 200 PVC Black FVC 210 240 PVC Black FVC 210 250 PVC Black FVC				
CMN.10.T28.053QGZE TPR (medical) Grey CMN.10.T20.080PGCE PVC GREY CMN.10.T20.080PGZE Grey Grey CMN.10.T20.080PNCE PVC Black CMN.10.T20.080PNZE Grey Grey CMN.10.T22.068POZE Grey Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE Grey Grey CMN.10.T22.068QGC Grey Grey CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNZE Black Grey 110 220 PVC Black Black 110 240 PTFE White Mite 110 280 PVC Black Grey 210 140 PVC Black Grey 210 240 PVC Black Grey	CMN.10.T22.068PGCE	PVC	GREY	
CMN.10.T20.080PGCE PVC GREY CMN.10.T20.080PGZE Grey CMN.10.T20.080PNCE PVC Black CMN.10.T20.080PNZE Grey CMN.10.T20.080QGC TPR Grey CMN.10.T22.068PGZE Grey Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE Grey Grey CMN.10.T22.068QGC Grey Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNZE Grey Grey CMN.10.T28.052PNZE Black Mite 110 220 PVC Black Mite 110 240 PTFE White Mite 110 280 PVC Black Mite 210 140 PVC Black Mite 210 240 PVC Black Mite 210 250 PVC Black Mite 210 250 PVC Black Mite	CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T20.080PGZE Grey CMN.10.T20.080PNCE PVC Black CMN.10.T20.080PNZE Grey CMN.10.T20.080QGC TPR Grey CMN.10.T22.068PGZE Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE Grey CMN.10.T22.068QGC Grey CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Black 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T28.053QGZE	TPR (medical)	Grey	
CMN.10.T20.080PNCE PVC Black CMN.10.T20.080PNZE Grey CMN.10.T20.080QGC TPR Grey CMN.10.T22.068PGZE Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE CMN.10.T22.068QGC CMN.10.T22.068QGZ TPR (medical) Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNZE PVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Black 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T20.080PGCE	PVC	GREY	
CMN.10.T20.080PNZE Grey CMN.10.T20.080QGC TPR Grey Grey CMN.10.T22.068PGZE Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE CMN.10.T22.068QGC Grey CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black CMN.10.T28.052PNZE 110 220 PVC Black Mhite 110 240 PTFE White 110 280 PVC Black 210 140 PVC Black 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080QGC TPR Grey CMN.10.T22.068PGZE Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE CMN.10.T22.068PNZE CMN.10.T22.068QGC CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNCE PVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T20.080PNCE	PVC	Black	
CMN.10.T22.068PGZE Grey CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE FVC Black CMN.10.T22.068QGC Grey FVC CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey FVC CMN.10.T28.052PNZE FVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Black 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T20.080PNZE			
CMN.10.T22.068PNCE PVC Black CMN.10.T22.068PNZE FR. (medical) Grey CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey Grey CMN.10.T28.052PNCE PVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Black	CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068PNZE CMN.10.T22.068QGC CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black 110 220 PVC Black 110 240 PTFE White 110 280 PVC Black 210 140 PVC Black 120 200 PVC Black 130 200 PVC Black 140 200 PVC Black 150 260 PVC Black 160 270 PVC Black 170 280 PVC Black	CMN.10.T22.068PGZE		Grey	
CMN.10.T22.068QGC Grey CMN.10.T22.068QGZE TPR (medical) CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black CMN.10.T28.052PNZE 110 220 PVC Black DYC 110 240 PTFE White DYC Black DYC 110 280 PVC Black DYC 210 200 PVC Black DYC Black DYC 210 240 PVC Black DYC Black DYC	CMN.10.T22.068PNCE	PVC	Black	
CMN.10.T22.068QGZE TPR (medical) Grey CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black CMN.10.T28.052PNZE Black 110 220 PVC Black 110 240 PTFE White 110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	CMN.10.T22.068PNZE			
CMN.10.T28.052PGZE Grey CMN.10.T28.052PNCE PVC Black CMN.10.T28.052PNZE Black Incomparison of the comparison of the comp	CMN.10.T22.068QGC			
CMN.10.T28.052PNCE PVC Black CMN.10.T28.052PNZE Black 110 220 PVC Black 110 240 PTFE White 110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PNZE PVC Black 110 220 PVC Black 110 240 PTFE White 110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	CMN.10.T28.052PGZE		Grey	
110 220 PVC Black 110 240 PTFE White 110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	CMN.10.T28.052PNCE	PVC	Black	
110 240 PTFE White 110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	CMN.10.T28.052PNZE			
110 260 PTFE White 110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	110 220	PVC	Black	
110 280 PVC Black 210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	110 240	PTFE	White	> =====
210 140 PVC Grey 210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	110 260	PTFE	White	> =====
210 200 PVC Black 210 240 PVC Black 210 250 PVC Grey	110 280	PVC	Black	
210 240 PVC Black 210 250 PVC Grey	210 140	PVC	Grey	
210 250 PVC Grey	210 200	PVC	Black	
	210 240	PVC	Black	
210 260 PVC Black	210 250	PVC	Grey	
	210 260	PVC	Black	

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.