

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 3B
Termination type Female crimp
IP rating 50
AWG wire size 20.00 - 18.00
Cable Ø 4.30 - 11.90 mm
Status active
Matching parts [FGG.3B.308.CYCD11](#)

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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 26.69 g

Performance

Configuration 3B.308 : 8 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 13 Amps

Specifications

Contact Type: Crimp
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.6 mOhm
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

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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

	A	B	E	L	M	N	S1	S3	e
mm.	22	25	11.5	30.7	2	28.1	16.5	22	M18x1.0
in.	0.87	0.98	0.45	1.21	0.08	1.11	0.65	0.87	

RECOMMENDED BY LEMO

Tools








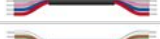















Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 18-20-22/5-4-3

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Positionner: [DCE.91.133.BVM](#)
 Extractor: [DCF.91.133.5LT](#)
 Replacement contact: EGG.3B.665.ZZM

Cables

CMN.08.T20.067PGCE	PVC	GREY	
CMN.08.T22.059PGCE	PVC	GREY	
CMN.08.T22.059PNCE	PVC	Black	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
CMN.08.T20.067PGZE		Grey	
CMN.08.T20.067PNCE	PVC	Black	
CMN.08.T20.067PNZE			
CMN.08.T22.059PGZE		Grey	
CMN.08.T22.059PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
008 050	PVC	Black	
008 280	PVC	Black	
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
108 220	PVC	Black	
108 240	PTFE	White	
108 260	PTFE	White	
180 240	PVC	Black	
180 260	PVC	Black	
208 200	PVC	Black	
280 250	PVC	Grey	
335 990	PVC	Black	
335 991	PVC	Black	
380 500	PVC	Grey	

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