

Terminal Chambers

Specifications

Mechanical	
Coupling Nut Material	Nickel-plated brass
Connector Shell Material	PBT, except embedded thermistor models: Nylon
Contact Material	Gold-plated palladium nickel
Cable Diameter	18 AWG (0.75 mm ²) max.
Electrical	
Assembly Rating	4- or 5-pin: 250V, 4 A 8-pin: 60V, 2 A
Environmental	
Enclosure Type Rating	IP67
Operating Temperature [C (F)]	-40...88° (-40...185°)

Product Selection

Single-Cable Model Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
4-Pin	4.0...6.0 (0.16...0.24)	250V, 4 A	PG 7	871A-TS4-D	871A-TR4-D	871A-TS4-DM	871A-TR4-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS4-D1	871A-TR4-D1	871A-TS4-DM1	871A-TR4-DM1
5-Pin	4.0...6.0 (0.16...0.24)	250V, 4 A	PG 7	871A-TS5-D	871A-TR5-D	871A-TS5-DM	871A-TR5-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS5-D1	871A-TR5-D1	871A-TS5-DM1	871A-TR5-DM1
8-Pin	6.0...8.0 (0.24...0.32)	60V, 2 A	PG 9	871A-TS8-D1	—	871A-TS8-DM1	—

Dual-Cable Model Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.	
				Straight Male	Right Angle Male
4-Pin	Two cables 2.1...3.0 (0.08...0.12) or 3.5...5.2 (0.14...0.21)	250V, 4 A	PG 9	871A-VS4-DM	871A-VR4-DM
5-Pin				871A-VS5-DM	871A-VR5-DM

Embedded Thermistor Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Wiring Diagram	Cat. No.*	
				Straight Male	Right Angle Male
4-Pin	3.0...6.5 (0.12...0.26)	250V, 4 A		871A-TS4CJC-DM	871A-TR4CJC-DM

* This model comes with nickel-plated brass coupling nuts as standard and is not available in stainless steel version.

Note:Stainless steel coupling nuts available, add an **S** to the bulletin number (e.g. 871**AS**-TS4-DM).