

Screw Termination

D-ST SERIES

SPECIFICATIONS:

MATERIALS AND PLATINGS

Shells	Steel Tin plated
Insulator	Glass filled thermoplastic, UL94V-0
Contacts	Machined brass, full gold

ELECTRICAL DATA

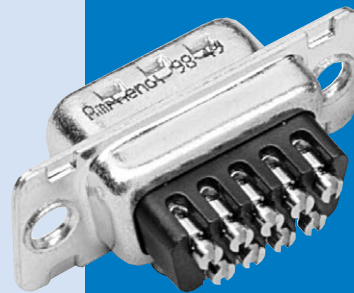
Current Rating	7,5 A max.
Voltage Rating	300 V RMS at 50 Hz
Withstanding Voltage	1000 V RMS at 50 Hz
Insulation Resistance	> 5000 Ω at 500 V DC
Contact Resistance	< 5 Ω

CLIMATIC DATA

Operating Temperature	-67°F (-55°C) to +185°F (85°C), peak at 257°F (125°C)
Damp Heat	21 days 219°F(104°C - 95% HR)
Salt Spray	48 hours

MECHANICAL DATA

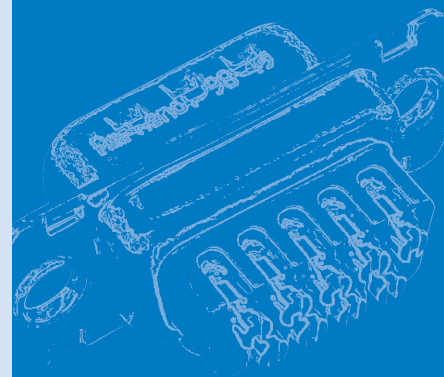
Cable Type	Solid or stranded
Cable Gauge	0,75 mm ² max. (AWG 18) - For bigger wire, please consult factory
Screw Torque	0,05 mN max.
Mating Cycles	100 (class II) or 500 (class I)



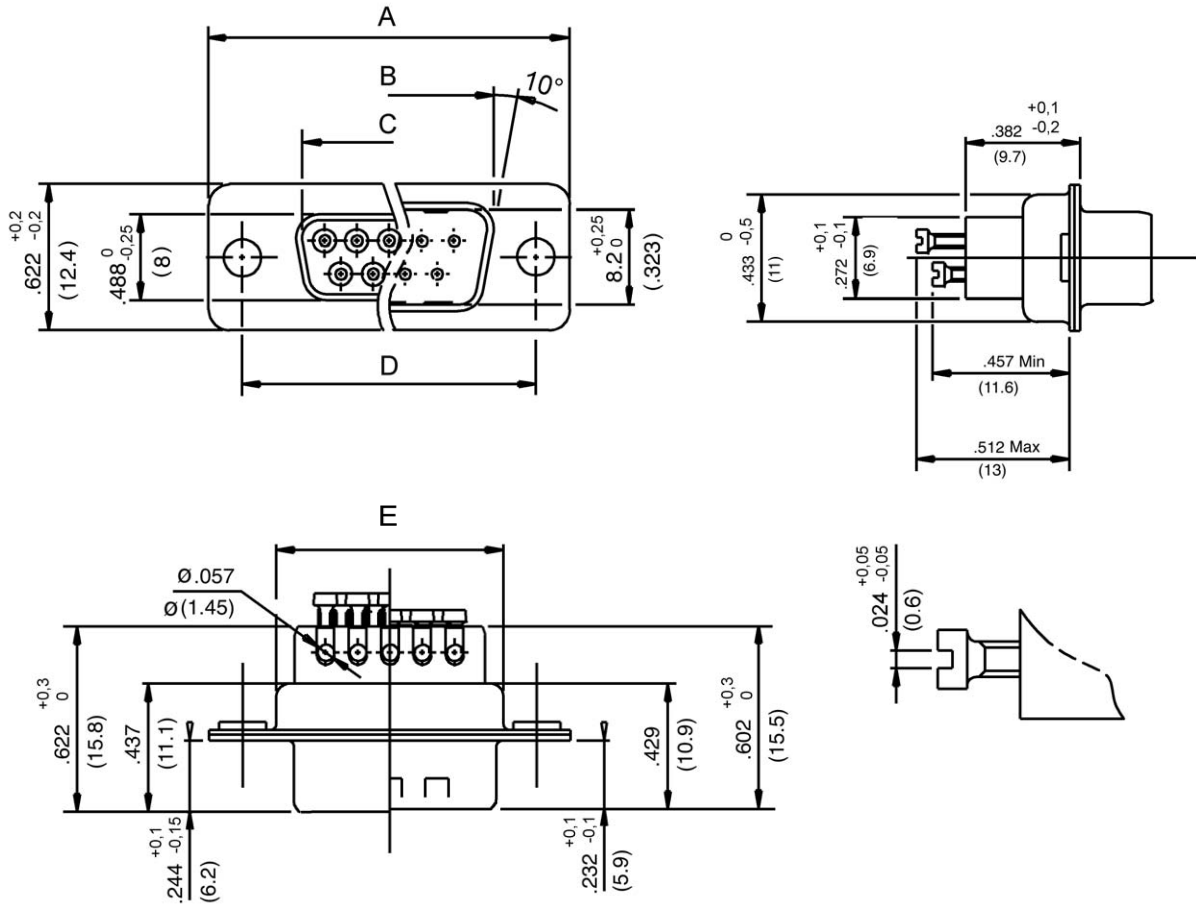
The Amphenol Screw Termination D-Sub series is especially designed for field applications.

These new connectors permit easy wiring without any specific tool; only a standard electrician's screwdriver is required. Due to their reduced overall dimensions, these connectors are compatible with all standard hoods and accessories.

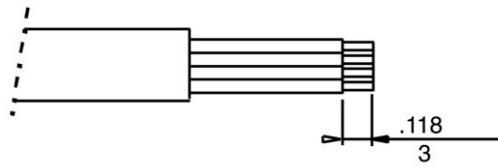
- Industry - control of speed variators and calculators.
- Houses and public buildings - control of heating, air conditioning, lighting, shutters and fire safety.
- Infrastructures - fluids control, motorway tolls and street lighting.



INCHES (MM)



Cable stripping



SIZE	A +.010 (0.25) -.010 (0.25)	B 0 -.008 (0.2)	C +.008 (0.2) 0	D +.004 (0.1) -.004 (0.1)	E +.004 (0.1) -.016 (0.4)
9	1.209 (30.7)	.646 (16.4)	.661 (16.8)	.984 (25)	.370 (19.4)
15	1.535 (39)	.976 (24.8)	.988 (25.1)	1.311 (33.3)	1.091 (27.7)
25	2.083 (52.9)	1.516 (38.5)	1.528 (38.8)	1.850 (47)	1.630 (41.4)
37	2.724 (69.2)	2.161 (54.9)	2.177 (55.3)	2.500 (63.5)	2.280 (57.9)

ORDERING INFORMATION

717D - E09 - P - ST - 1

Class II: 77D Female connector
717D Male connector, shells with dimples

Class I: 177D Female connector
777D Male connector, shells with dimples

Size and number of contacts E09, A15, B25, C37

Type of contact: P Male
S Female

Kit connector + hood option: (See following description)
1 DPPK hood
2 DSSK hood
3 DTZK hood
4 DVZK hood

Contact termination: ST Screw termination

PLASTIC HOODS



DPPK Straight cable entry

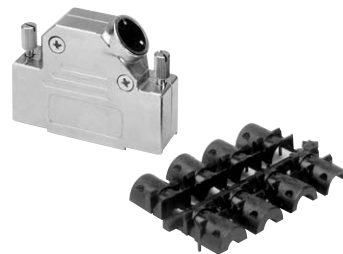


DSSK Angled cable entry

METALLIC HOODS



DTZK Straight cable entry



DVZK Angled cable entry

INCHES (MM)