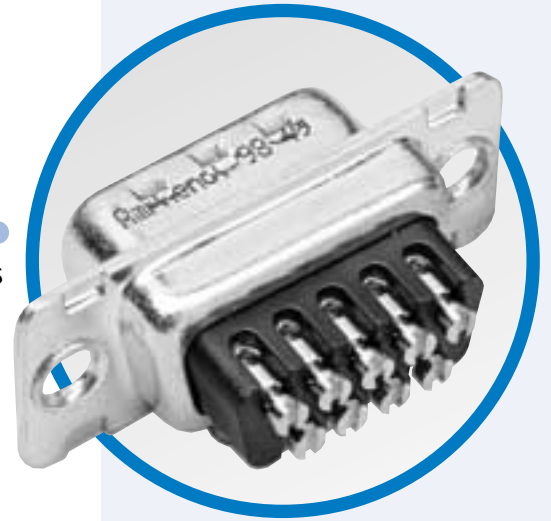


# D-ST

## Screw Termination D'Sub series



### CHARACTERISTICS

Materials and platings	
<b>Shells</b>	Steel Tin plated
<b>Insulator</b>	Glass filled thermoplastic, UL94V-0
<b>Contacts</b>	Machined brass, full gold

Electrical Data	
<b>Current rating</b>	7,5 A max
<b>Voltage rating</b>	300 V RMS at 50 Hz
<b>Withstanding voltage</b>	1000 V RMS at 50 Hz
<b>Insulation resistance</b>	> 5000 M $\Omega$ at 500 V DC
<b>Contact resistance</b>	< 5 m $\Omega$

Climatic Data	
<b>Operating temperature</b>	- 55°C to + 85°C, peak at 125°C
<b>Damp heat</b>	21 days ( 40°C - 95% HR )
<b>Salt spray</b>	48 hours

Mechanical Data	
<b>Cable type</b>	Solid or stranded
<b>Cable gage</b>	0,75 mm <sup>2</sup> max ( AWG 18 ) - For bigger wire, please consult factory
<b>Screw torque</b>	0,05 mN max
<b>Mating cycles</b>	100 (classe II) or 500 (classe I)

### DESCRIPTION

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

These new connectors permit easy wiring without any specific tool : Just a standard electrician's screwdriver is required.

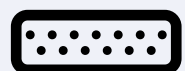
Due to their reduced overall dimensions, these connectors are compatible with all standard hoods and accessories

*Simplify  
Your cable  
assemblies!*

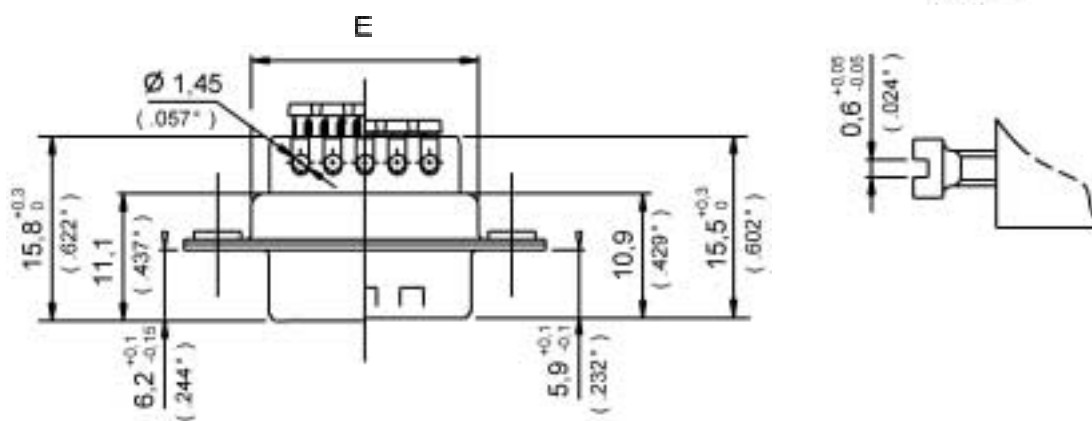
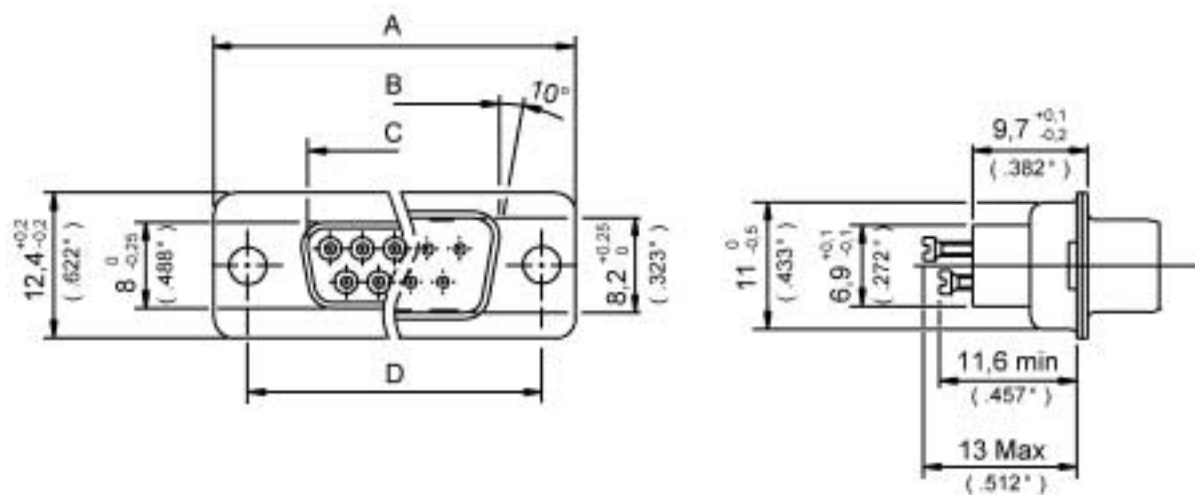
### APPLICATIONS

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

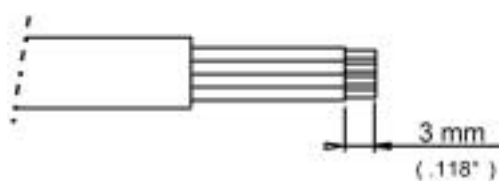
D-ST



**Amphenol**



**Cable stripping**



SIZE	A +0,25 ( ,010" ) -0,25 ( ,010" )	B 0 -0,2 ( ,008" )	C +0,2 ( ,008" ) 0	D +0,1 ( ,004" ) -0,1 ( ,004" )	E +0,1 ( ,004" ) -0,4 ( ,016" )
<b>9</b>	30.7 ( 1.209" )	16.4 ( .646" )	16.8 ( .661" )	25 ( .984" )	19.4 ( .370" )
<b>15</b>	39 ( 1.535" )	24.8 ( .976" )	25.1 ( .988" )	33.3 ( 1.311" )	27.7 ( 1.091" )
<b>25</b>	52.9 ( 2.083" )	38.5 ( 1.516" )	38.8 ( 1.528" )	47 ( 1.850" )	41.4 ( 1.630" )
<b>37</b>	69.2 ( 2.724" )	54.9 ( 2.161" )	55.3 ( 2.177" )	63.5 ( 2.500" )	57.9 ( 2.280" )

## How to order

<b>Classe II:</b>	<b>77D</b> Female connector				
	<b>717D</b> Male connector, shells with dimples				
<b>Classe I:</b>	<b>177D</b> Female connector				
	<b>777D</b> Male connector, shells with dimples				
<b>Size and number of contacts</b>	<b>E09, A15, B25, C37</b>				
<b>Type of contact:</b>	<b>P = Male</b>	<b>S = Female</b>			
<b>Contact termination:</b>	<b>ST = Screw termination</b>				
<b>Kit connector + hood option:</b> (See following description)	<b>1 = DPPK hood</b>				
	<b>2 = DSSK hood</b>				
	<b>3 = DTZK hood</b>				
	<b>4 = DVZK hood</b>				

**717D**   **E09**   **P**   **ST**   **1**

## Plastic hoods



DPPK Straight cable entry

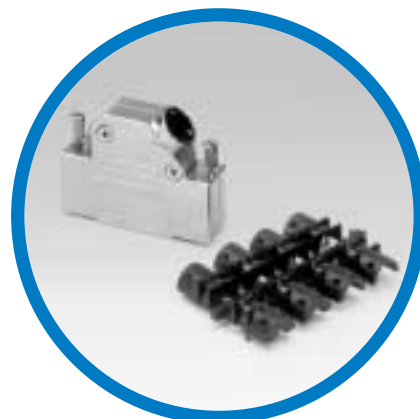


DSSK Angled cable entry

## Metallic hoods



DTZK Straight cable entry



DVZK Angled cable entry

