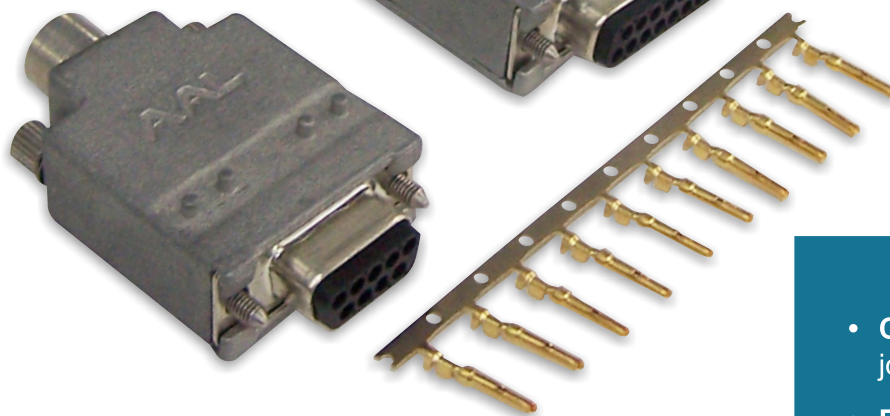
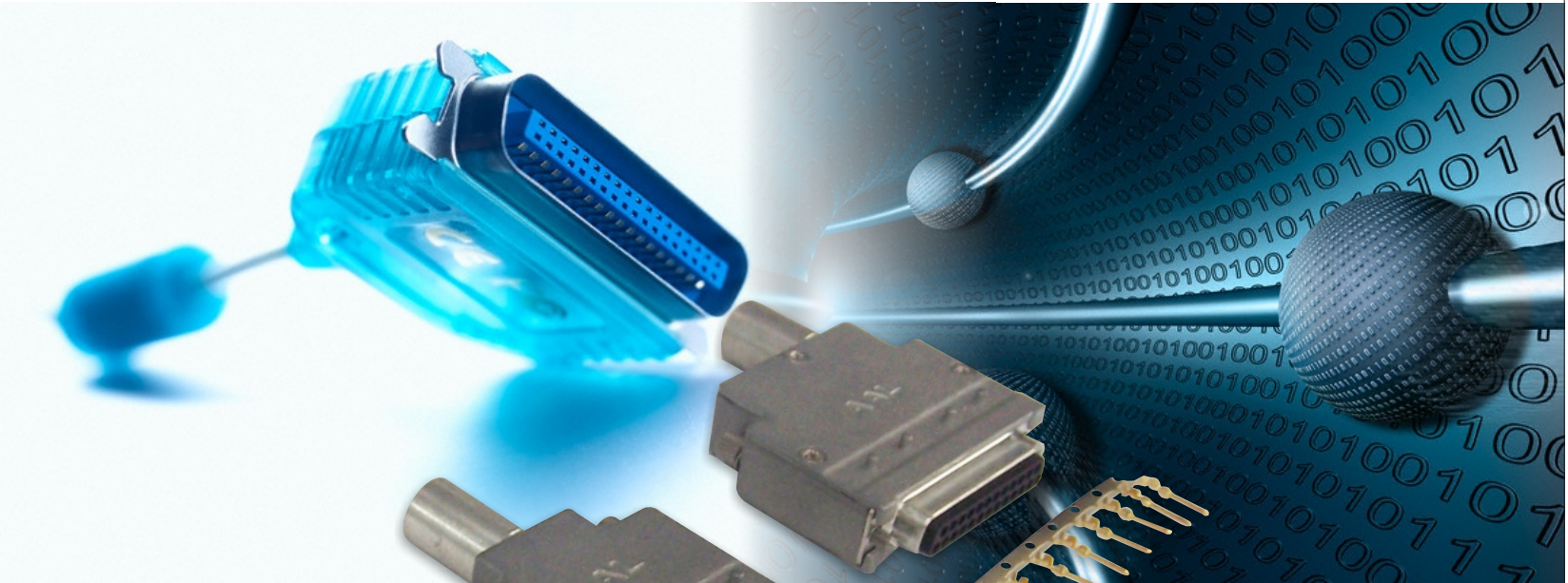




Autometers Alliance Ltd



Salient Features

- **Crimping:** Termination through crimped joints using special crimping tools.
- **EMI Protection:** To provide 360° EMI immunity, the data connector provides optimum linking of the cable shield to the cable clamp by means of a separate crimp and shield bushing. The small side spikes on the cable clamp guarantee a gastight connection to the connector shell and crimping ensures easy positioning of the shield bushing.
- **Coding:** On site coding of data connectors is possible by means of a coding tool. This is carried out by inserting coding slide corresponding to its position in the coding plate.

TRACTION GRADE D-TYPE DATA CONNECTOR

Autometers Alliance Ltd possesses expertise in long lasting and robust Traction Grade D-Type Data Connectors for indoor applications. These connectors comply with protection class IP44, as per DIN 40050.

Applications

Traction Grade D-Type Data Connectors, fitted with robust cast-zinc covers for 360° EMI screening, are specially developed for control system applications. These connectors can be ordered either individual components or in sets.

Technical Specifications

A. Electrical and thermal properties

Parameters	Values
Test voltage	1500V AC for 1 min
Service voltage	125V AC/DC
Service current at 20°C	3A (max)
Service temperature	-55°C to +105°C
Potential drop across contacts	24mV (max.)
Creepage distance in connecting zone	3mm (min.)
Resistance to creepage as per IEC664	> 300 CTI-Wert
Insulation resistance	> 5000 M ohm
Contact housing material	Nylon GV, black
Fire class	UL94 V-0
Contact number	9/15/25 and 17 (2 power + 15 signal)

B. Mechanical properties

Parameters	Values
Mechanical contact life time	500 connection cycles (min)
Contact extraction force	> 0.2N
Contact insertion force	< 3.4N
EMI protection	With shield bushing: 360°
Coding	At least 24 variants
Cover	3 sizes, cast zinc, screw-on
Screws	All stainless steel
Cable clamp, pressable	Strain relief up to 15kg
Cable clamp with cable binder	Specially for single-wire bundles

Contacts:

Terminal Cross Section:

Signal contacts: AWG 24-20, with 0.2 to 0.56 mm²

Power contacts: AWG 8, with 0.8 to 8 mm²



Autometers Alliance Ltd

C-63, Sector-57, Noida - 201 307, India

Tel.: +91 (0) 120-6770100

E-mail: info@autometers.com

Website: www.autometers.com