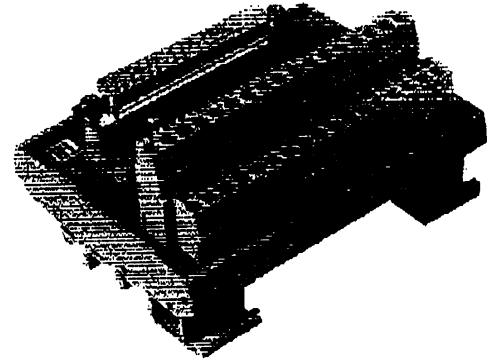




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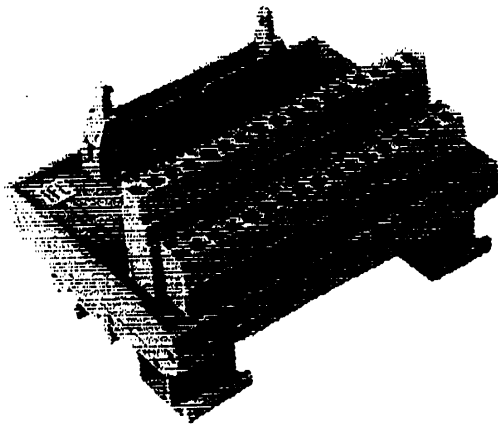
'D'TYPE INTERFACE

- **Board** – Single sided epoxy glass FR4
- Tin over copper tracks
- Solder masked & flow soldered
- **Plug & Socket** – tin plated steel housing
- Turned copper alloy pins, gold over nickel plated
- 9, 15, 25, 37 and 50 way.
- **Terminals** – Rising clamp, interlocking
- 2.5mm² stranded or solid cable entry
- Polyamide **UL94V-0** housing
- Stainless steel cable protectors and captive screws



IDC INTERFACE

- **Board** – Single sided epoxy glass FR4
- Tin over copper tracks
- Solder masked & flow soldered
- **Socket** – Polyamide **UL94V-0** housing
- Copper alloy pins, gold over nickel plated
- 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64 way
- **Terminals** – Rising clamp, interlocking
- 2.5mm² stranded or solid cable entry
- Polyamide **UL94V-0** housing
- Stainless steel cable protectors and captive screws



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'D' TYPE INTERFACE

- Sub miniature connectors in accordance with DIN-41652 are being used to an increasing degree in telecommunications engineering, text and data processing as well as in measuring and control engineering. The typical trapezoidal metal protective shrouds (steel, galvanised and tin plated) used for this series of connectors guarantee that poles are connected correctly.
- An effective electrical earthing and electromagnetic screening is achieved when contact is made between frame, connector, housing and circuit screen.
- The pin and socket contacts are turned copper alloy, nickel-plated and hard gold plated. Monobloc polyester insulation to UL94V-0 in the contact area. Connectors have a loading capacity of up to a 6.5A.
- In order to permit the safe continuity of the earth, the metal shroud is connected to a terminal.
- The mechanical interlocking of the D-sub connection takes the form of a standard centre screw connection with 4 - 40 UNC thread.

General Data

- | | |
|-------------------------|---------|
| • Nominal voltage (max) | 125 VAC |
| • Nominal current | 2.5 A |

IDC INTERFACE

- The flat ribbon connectors in accordance with DIN-41651 and MIL-C-83503 are being fitted more and more often at the interface between control electronics and process wiring.
- The screw terminals are integrated with the IDC header on a common printed circuit board thus forming an interface module. Long locking levers prevent the ribbon connector being separated from the header as a result of vibration. Centre polarisation prevents incorrect connection.
- Guaranteed to be compatible with all current systems on the market. The contacts in the contact area are gold-plated and tinned in the solder area and have a loading capacity of up to 1 ampere.
- 2 long ejectors are attached to the interface module to prevent the socket connector from being knocked out both with and without strain relief.

General Data

- | | |
|-------------------------|-------------|
| • Nominal voltage (max) | 60VAC/75VDC |
| • Nominal current | 1 A |

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