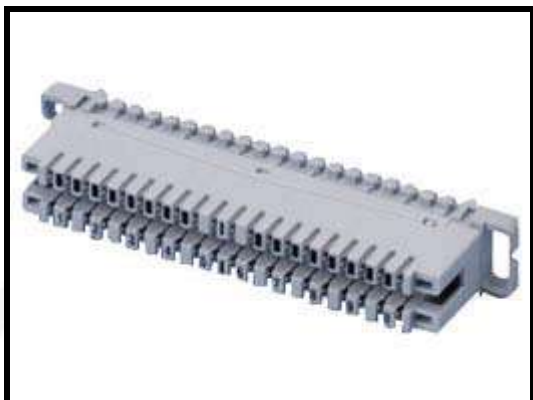


## IDC Connection Strips



**IDC Connection Strips (237B)**

### ***Features***

- 10 pair connection strip - permanent connections with no disconnection facility
- Fully compatible with industry standard back mount frames, insertion tools, connection boxes, designation strips and other accessories
- UK OFTEL approved
- High specification silver plated contacts maintain electrical performance after multiple insertions
- Industry standard LSA+ type contacts
- ISO 9001 approved manufacturing
- OEM available for rebranding or re-design

### ***Specifications***

- Dimensions: 123mm x 20.5mm x 39.5mm
- Housing: PBT (Flame retardancy satisfies UL94V-0 and EN60950)
- Contacts: Silver plated Phosphor Bronze

### ***Electrical Performance***

- Copper conductor diameter: 0.40 to 0.63mm
- Wire connections per slot: 2
- Standard working voltage: 50V DC (+5/-0) or 70V AC
- Insulation resistance:  $\geq 1\text{G}\Omega$  (500V DC  $\pm 50\text{V}$  DC)
- Dielectric strength: 2.0kV rms
- Contact resistance (in connection points):  $< 10\text{m}\Omega$
- Contact resistance (with the protection device):  $\leq 30\text{m}\Omega$
- Impulse breakdown voltage: 210-230V

### ***Mechanical Data***

- Wire Insertion Force: 35-70N
- Wire Pull-Out Force: 9.0N
- Wire Retention Force: 80% of wire breaking force

### ***Environmental Data***

- Temperature range: Storage  $-40^{\circ}\text{C}$  to  $90^{\circ}\text{C}$
- Operational -  $20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- Humidity: 5% to 95%

### ***Oftel***

This product complies with UK government OFTEL Approval NS/G/1235 W100025 for use in standard telecommunications wiring distribution systems.