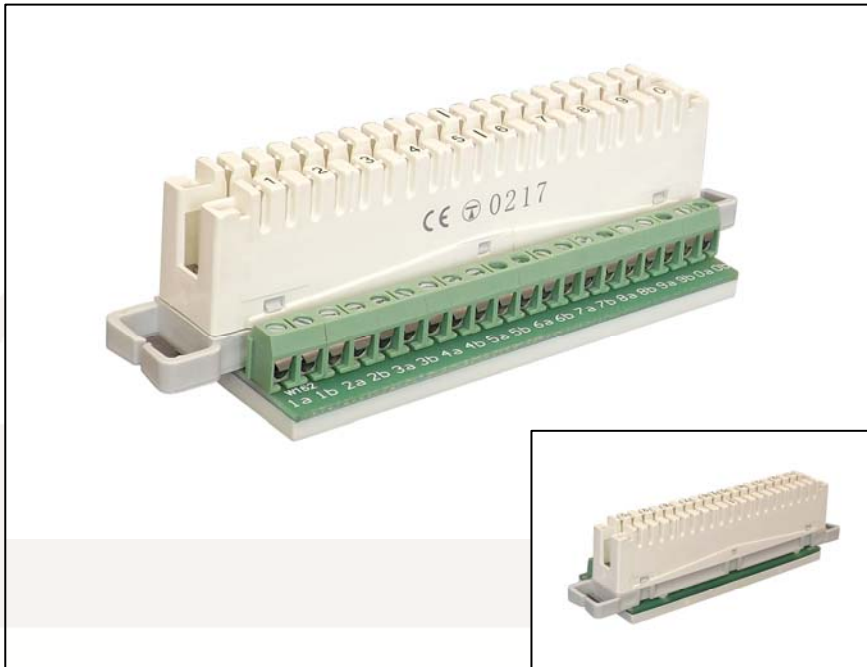


## 10 pair disconnection strip with screw terminals



### **10 pair disconnection strip with screw terminals (237screw)**

#### **Features**

- Ideal for connecting choice of large or standard core cables into LSA+ disconnection strip
- Fully compatible with industry standard back mount frames, insertion tools, connection boxes, designation strips and other accessories
- Industry standard LSA+ type contacts
- Disconnection facility allows lines to be disconnected temporarily for testing
- Removable bottom cover

#### **Specifications**

- Colour:  
Base: grey                      Body: white                      Bottom cover: white
- Dimensions: 129 x 36 x 36mm (approx.)
- Housing: UL94-V0 PBT
- IDC Contacts: 0.5µm/20µ" silver plated
- IDC contacts are suitable for copper conductor diameter: 0.4 ~ 0.80mm
- Screw terminals are suitable for wires ≤ 2mm diameter

- IDC's marked 1 to 0 are directly connected to screws marked 1a to 0b
- Mounts on standard LSA+ type back mount frame but occupies two positions

### ***Electrical performance***

- Standard working voltage: 50V DC (+5/-0) or 70V AC
- Insulation resistance:  $\geq 1000\text{m}\Omega$  (500V DC  $\pm 50\text{V}$  DC)
- Dielectric strength: 2.0kV rms
- Contact resistance (in connection points):  $\leq 5\text{m}\Omega$
- Contact resistance (with protection device):  $\leq 10\text{m}\Omega$
- Impulse breakdown voltage: 210 ~ 230V
- Cross talk ratio:  $> 0.4\text{dB}$  (50Khz – 21MHz)

### ***Mechanical performance***

- Wire insertion force: 40 ~ 75N
- Pull out force:  $F \geq 25\text{N}$  (axial) ;  $F \geq 7.5$  (radial)
- IDC life:
  - 200 times for wire diameter: 0.4 ~ 0.65mm
  - 50 times for wire diameter: 0.65 ~ 0.8mm

### ***Environmental Characteristic***

- Storage temperature:  $-40^{\circ}\text{C}$  ~  $90^{\circ}\text{C}$
- Operation temperature:  $-20^{\circ}\text{C}$  ~  $80^{\circ}\text{C}$
- Relative humidity:  $\leq 95\%$

### ***Packaging***

- Supplied in individual polythene bags then in cartons of 5