

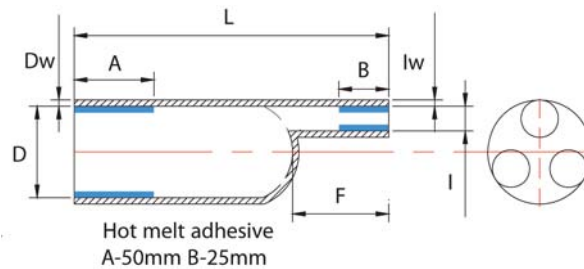
QMB RoHS Compliant

HEAT SHRINKABLE MEDIUM VOLTAGE BREAKOUT UP TO 36kV

Features/Applications

Medium voltage breakouts are made from radiation cross-linked polyolefin. This specially designed material performs exceptionally as an electrical insulator. The material will not crack and is UV resistant, weather proof and flame retardant. These breakouts can be safely used in protecting cable ends up to 36kV from flashover or surges created while working with switchgear and transformer boxes.

- Operating temperature: -55°C to +105°C
- Minimum shrink temperature: 110°C
- Full Recovery Temperature: 120°C
- Standard color: Red
RoHS Compliant



| Technical Data | | |
|-----------------------------------------------------------|-------------|------------------------------|
| Property | Test Method | Typical Data |
| Operating Temperature | IEC 216 | -55°C to +105°C |
| Tensile Strength | ASTM D 2671 | 8 MPa min. |
| Tensile Strength After Thermal Aging (120°C, 168 hrs.) | ASTM D 2671 | 7 MPa min. |
| Elongation at Break | ASTM D 2671 | 300% min. |
| Elongation at Break After Thermal Aging (120°C, 168 hrs.) | ASTM D 2671 | 200% min. |
| Water Absorption | ISO 62 | 1% max. |
| Volume Resistance | IEC 93 | 10 ¹³ Ω.cm (min.) |
| Dielectric Strength | IEC 243 | 20 kV / mm (min.) |
| Tracking Resistance | ASTM D 2303 | Non-tracking |

| Product Dimensions | | | | | | | | |
|--------------------|----------|----------|----------|----------|------------------------|--------|----------------------|---------|
| Part Number | D (mm) | | l (mm) | | Recovered Length ± 10% | | Recovered Wall ± 10% | |
| | a (Min.) | b (Max.) | a (Min.) | b (Max.) | L (mm) | F (mm) | Dw (mm) | lw (mm) |
| QMB 320-60/24 | 60 | 24 | 25 | 8 | 180 | 45 | 3.0 | 2.5 |
| QMB 330-80/38 | 80 | 38 | 35 | 11 | 210 | 57 | 4.0 | 4.0 |
| QMB 340-110/50 | 110 | 50 | 46 | 17.5 | 250 | 65 | 4.0 | 4.0 |
| QMB 350-125/57 | 125 | 57 | 55 | 20 | 260 | 57 | 4.0 | 4.0 |
| QMB 360-140/70 | 140 | 70 | 62 | 26 | 280 | 70 | 4.0 | 4.0 |
| QMB 370-170/77 | 170 | 77 | 75 | 28 | 280 | 80 | 4.0 | 4.0 |

Notes:

- (a) as supplied
- (b) after recovery