

QMB

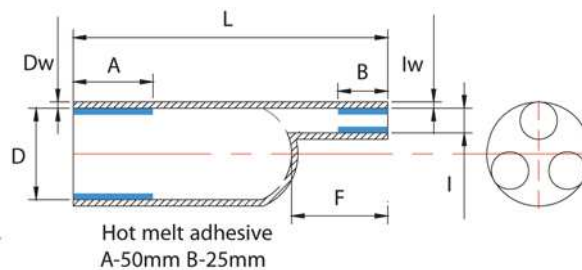


HEAT SHRINKABLE MEDIUM VOLTAGE BREAKOUT UP TO 36kV

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)		I (mm)		Recovered Length ± 10%		Recovered Wall ± 10%	
	a (Min.)	b (Max.)	a (Min.)	b (Max.)	L (mm)	F (mm)	Dw (mm)	Iw (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