Technical-Data-Sheet

M...B

Cast resin straight-through joint

for mining industry, gas stations, refineries

Universally suitable for connecting polymeric cables or conductors insulated with PVC, PE, XLPE and EPR (e.g. N(A)YY, NYM, TT). Suitable for compression or screw connectors on copper and aluminium conductors. REACH Regulation on the restriction of diisocyanates (for EU countries only). The European Commission amended Annex XVII of the REACH Regulation (EC) (new number 74) with Regulation (EU) 2020/1149, which entered into force on 24 August 2020. In accordance with the new REACH Regulation, appropriate training will be required prior to the industrial or professional use of diisocyanates, adhesives and sealants as of 24 August 2023. All information regarding training materials and training courses is available on the ISOPA/ALIPA website https://www.safeusediisocyanates.eu/



Product description

Article name	M 1 UG
Material number	124345
Characteristics	Compact dimensions
	Splice area visible before casting
	High-quality transparent shockproof plastic shell
	Resistant to chemical agents
	Stabilized against UV rays
	Resistant to alkaline earth elements
	Longitudinally and transversely watertight
	High electrical insulating values
	High mechanical and thermal strength
	Ready for immediate operation
	Quick, safe and easy assembly
Applications	Indoor
	Outdoor
	Underground
	Water
	Installation ducts
Family notes	Armour continuity kit for armoured cable available on request.
Optional accessory	Cleaner UNIVERSAL CLEANER 121 (see Accessories)
	Shield continuity wire SVL (see Accessories)
	Connectors (see Connecting technology)

Technical data

Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	DIN VDE 0472-804
	DIN VDE 0472-813
	DIN VDE 0472-814
	DIN VDE 0278-631-1
Length L	240 m
Heigth H	45 mm
Diameter D	40 mm
Nominal cross section Polymeric cable unarmoured per conductor 1x max	95 mm²
Nominal cross section Polymeric cable unarmoured per conductor 2x max	25 mm²
Nominal cross section Polymeric cable unarmoured per conductor 3x max	16 mm²
Nominal cross section Polymeric cable unarmoured per conductor 4x max	16 mm²
Nominal cross section Polymeric cable unarmoured per conductor 5x max	10 mm²
Diameter cable max	22 mm
Nominal cross section Polymeric cable with concentric conductor per conductor 3x max	10 mm²
Control and signal cable 0,75 mm² Number of conductors	56 Pieces
Control and signal cable 1,5 mm² Number of conductors	21 Pieces
Control and signal cable 0,4 mm Number of wire pairs min	30 Pieces
Control and signal cable 0,4 mm Number of wire pairs max	70 Pieces
Control and signal cable 0,6 mm Number of wire pairs min	20 Pieces
Control and signal cable 0,6 mm Number of wire pairs max	30 Pieces
Control and signal cable 0,8 mm Number of wire pairs min	10 Pieces
Control and signal cable 0,8 mm Number of wire pairs max	20 Pieces

Logistics data

Delivery scope	Fill and air-release funnel
	Hydrolysis resistance PUR type UG cast resin
	Packed in practical and easy-to-use two-chamber bags
	Transparent plastic shell
	PVC insulation tape
	Protective gloves
	Assembly instructions
Shelf life	24 Month
Country of origin	Germany
Customs tariff number	39095090

EAN-UPC	4010311002613			
Base quantity	1	1	256	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Case	Pal. EU	
Lenght	278	278	1200	
Width	192	192	800	
Height	62	62	1130	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	3.309	3.309	1084.8	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	
Gross weight	0.658	0.658	197.448	
Net weight	0.658	0.658	168.448	
Weight unit	Kilogram	Kilogram	Kilogram	