Technical-Data-Sheet

M...EG

Cast resin straight-through joint

for polymeric cables and control cables and signal cables



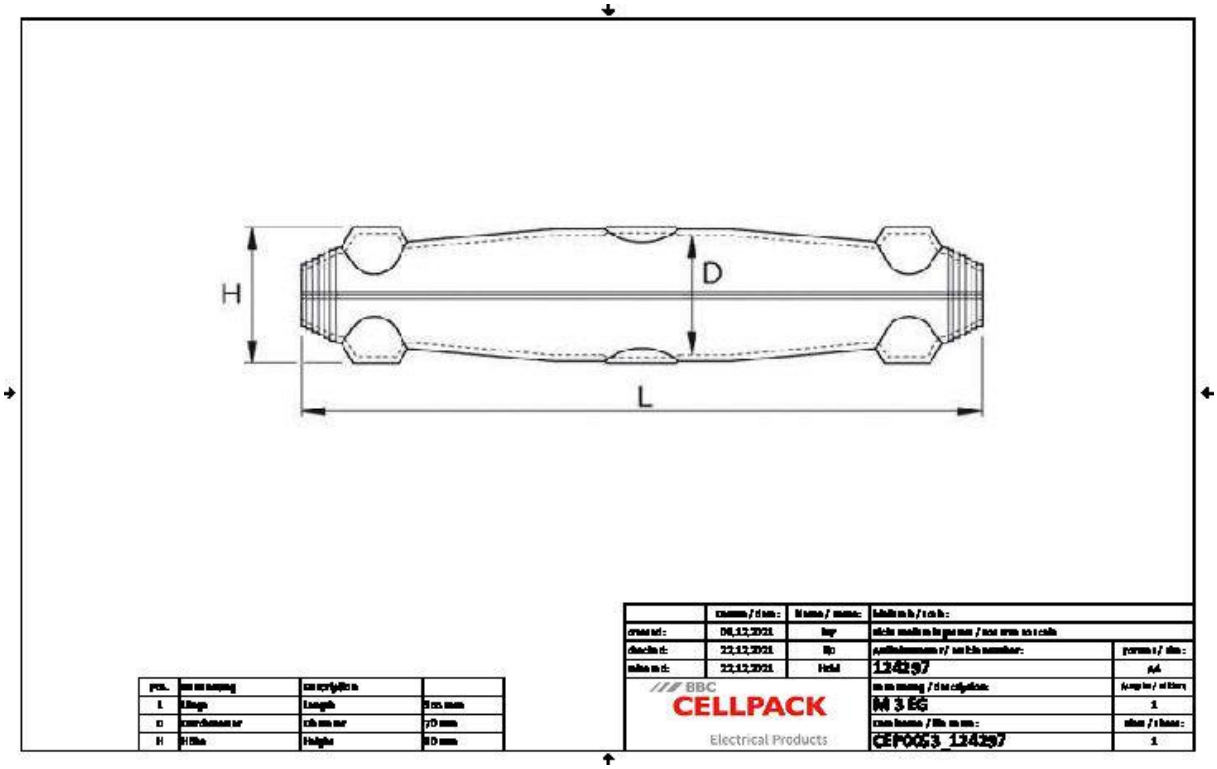
Universally suitable for connecting polymeric cables or conductors insulated with PVC, PE, XLPE and EPR (e.g. N(A)YY, NYM, TT). Suitable for compression or screw connectors on copper and aluminium conductors. REACH Regulation on the restriction of diisocyanates (for EU countries only). The European Commission 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 3 EG
Material number	124297
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 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)

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Technical data



Voltage levels	U0/U (Um) 0,6/1 (1,2) kV
Test standards	EN 50393
Length L	355 mm
Heigth H	80 mm
Diameter D	70 mm
Nominal cross section Polymeric cable unarmoured per conductor 1x max	400 mm²
Nominal cross section Polymeric cable unarmoured per conductor 2x max	120 mm²
Nominal cross section Polymeric cable unarmoured per conductor 3x max	95 mm²
Nominal cross section Polymeric cable unarmoured per conductor 4x max	70 mm²
Nominal cross section Polymeric cable unarmoured per conductor 5x max	50 mm²
Diameter cable max	42 mm
Nominal cross section Polymeric cable with concentric conductor per conductor 3x max	50 mm²
Nominal cross section Polymeric cable with concentric conductor per conductor 4x max	25 mm²
Nominal cross section Polymeric cable armoured per conductor mm² 3x	50 mm²
Nominal cross section Polymeric cable armoured per conductor 4x min	35 mm²
Nominal cross section Polymeric cable armoured per conductor 4x max	50 mm²
Control and signal cable 0,75 mm² Number of conductors	200 Pieces
Control and signal cable 1,5 mm² Number of conductors	133 Pieces
Control and signal cable 0,4 mm Number of wire pairs min	300 Pieces
Control and signal cable 0,4 mm Number of wire pairs max	300 Pieces
Control and signal cable 0,6 mm Number of wire pairs min	150 Pieces
Control and signal cable 0,6 mm Number of wire pairs max	150 Pieces
Control and signal cable 0,8 mm Number of wire pairs min	100 Pieces
Control and signal cable 0,8 mm Number of wire pairs max	120 Pieces

Logistics data

Delivery scope	Fill and air-release funnel
	Hydrolysis resistance PUR type EG cast resin
	Packed in practical and easy-to-use two-chamber bags
	Transparent plastic shell
	PVC insulation tape
	Protective gloves
	Assembly instructions
Shelf life	40 Month
Country of origin	Germany
Customs tariff number	39095090

EAN-UPC	4010311000084			
Base quantity	1	1	70	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Case	Pal. OW	
Lenght	424	424	1200	
Width	234	234	800	
Height	90	90	1130	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	8.929	8.929	1084.8	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	
Gross weight	1.589	1.589	129.43	
Net weight	1.589	1.589	111.23	
Weight unit	Kilogram	Kilogram	Kilogram	