

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). With hydrolysis resistance PUR cast resin EG. Suitable for compression or screw connectors on copper and aluminium conductors.



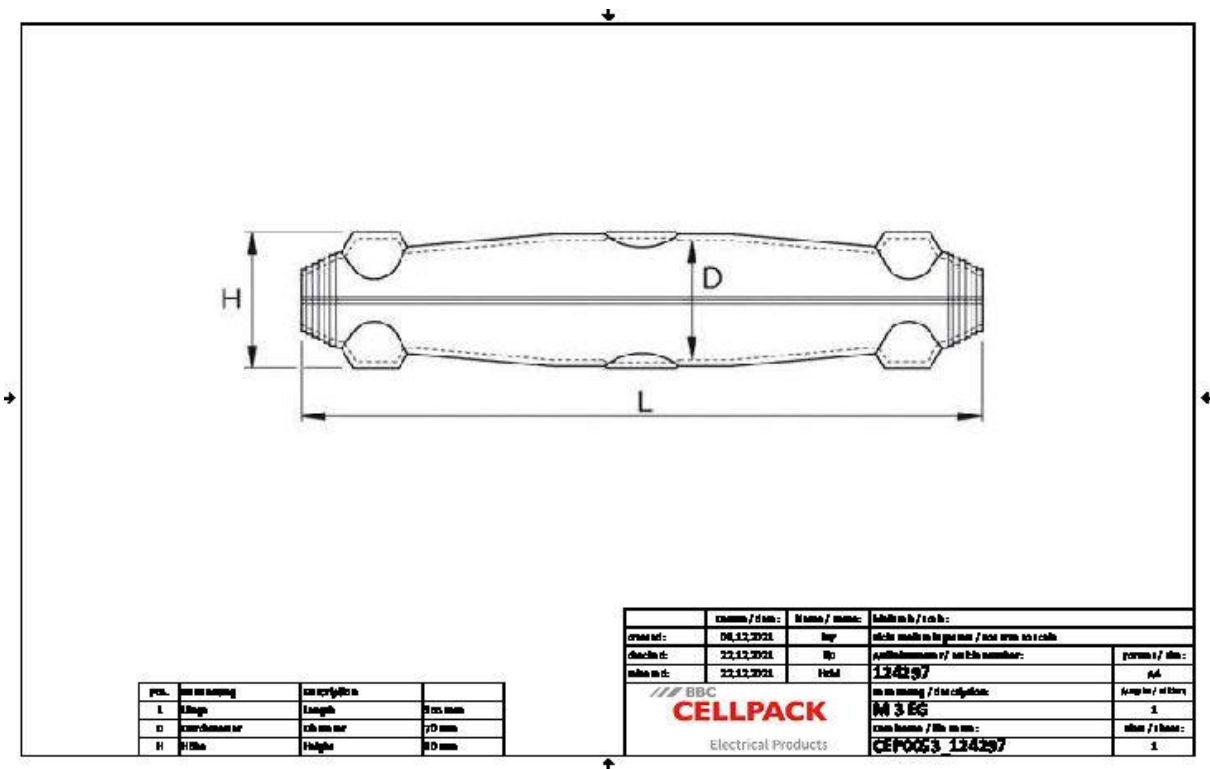
Product description

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| Article name | M 3 EG |
| Article number | 124297 |
| Notes | Armour continuity kit for armoured cable available on request. 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/ |
| Optional accessory | Cleaner UNIVERSAL CLEANER 121 (see Accessories) Shield continuity wire SVL (see Accessories) Connectors (see Connecting technology) |

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| 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 |

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| Applications |
| Indoor |
| Outdoor |
| Underground |
| Water |
| Installation ducts |

Technical data



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| Article name | M 3 EG |
| Article number | 124297 |
| Voltage levels | U0/U (Um) 0,6/1 (1,2) kV |
| Test standards | EN 50393 |
| Length L | 355 mm |
| Height H | 80 mm |
| Diameter D | 70 mm |
| Nominal cross section Polymeric cable unarmoured per conductor 1x max | 400 mm ² |
| Nominal cross section Polymeric cable unarmoured per conductor 2x max | 120 mm ² |
| Nominal cross section Polymeric cable unarmoured per conductor 3x max | 95 mm ² |
| Nominal cross section Polymeric cable unarmoured per conductor 4x max | 70 mm ² |
| Nominal cross section Polymeric cable unarmoured per conductor 5x max | 50 mm ² |
| Diameter cable max | 42 mm |
| Nominal cross section Polymeric cable with concentric conductor per conductor 3x max | 50 mm ² |
| Nominal cross section Polymeric cable with concentric conductor per conductor 4x max | 25 mm ² |
| Nominal cross section Polymeric cable armoured per conductor mm ² 3x | 50 mm ² |
| Nominal cross section Polymeric cable armoured per conductor 4x min | 35 mm ² |
| Nominal cross section Polymeric cable armoured per conductor 4x max | 50 mm ² |
| Control and signal cable 0,75 mm ² Number of conductors | 200 Pieces |
| Control and signal cable 1,5 mm ² 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

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|------------------------|--|
| Article name | M 3 EG |
| Article number | 124297 |
| Delivery scope | Fill and air-release funnel |
| | Hydrolysis resistance PUR cast resin EG |
| | Packed in practical and easy-to-use two-chamber bags |
| | Transparent plastic shell |
| | PVC insulation tape |
| | Protective gloves |
| | Assembly instructions |
| Shelf life | 40 Month |
| Storage temperatur max | 35 °C |
| Storage temperatur min | 15 °C |
| Country of origin | Germany |
| Customs tariff number | 39095090 |
| EAN/GTIN | 4010311000084 |

Packaging data

| Alternative unit of measure | Case | Pal. OW |
|-----------------------------|-------|---------|
| Base quantity | 1 | 70 |
| Base unit of measure | Piece | Piece |
| Lenght (mm) | 424 | 1200 |
| Width (mm) | 234 | 800 |
| Height (mm) | 90 | 1130 |
| Net weight (kg) | 1.589 | 111.23 |
| Gross weight (kg) | 1.589 | 129.43 |