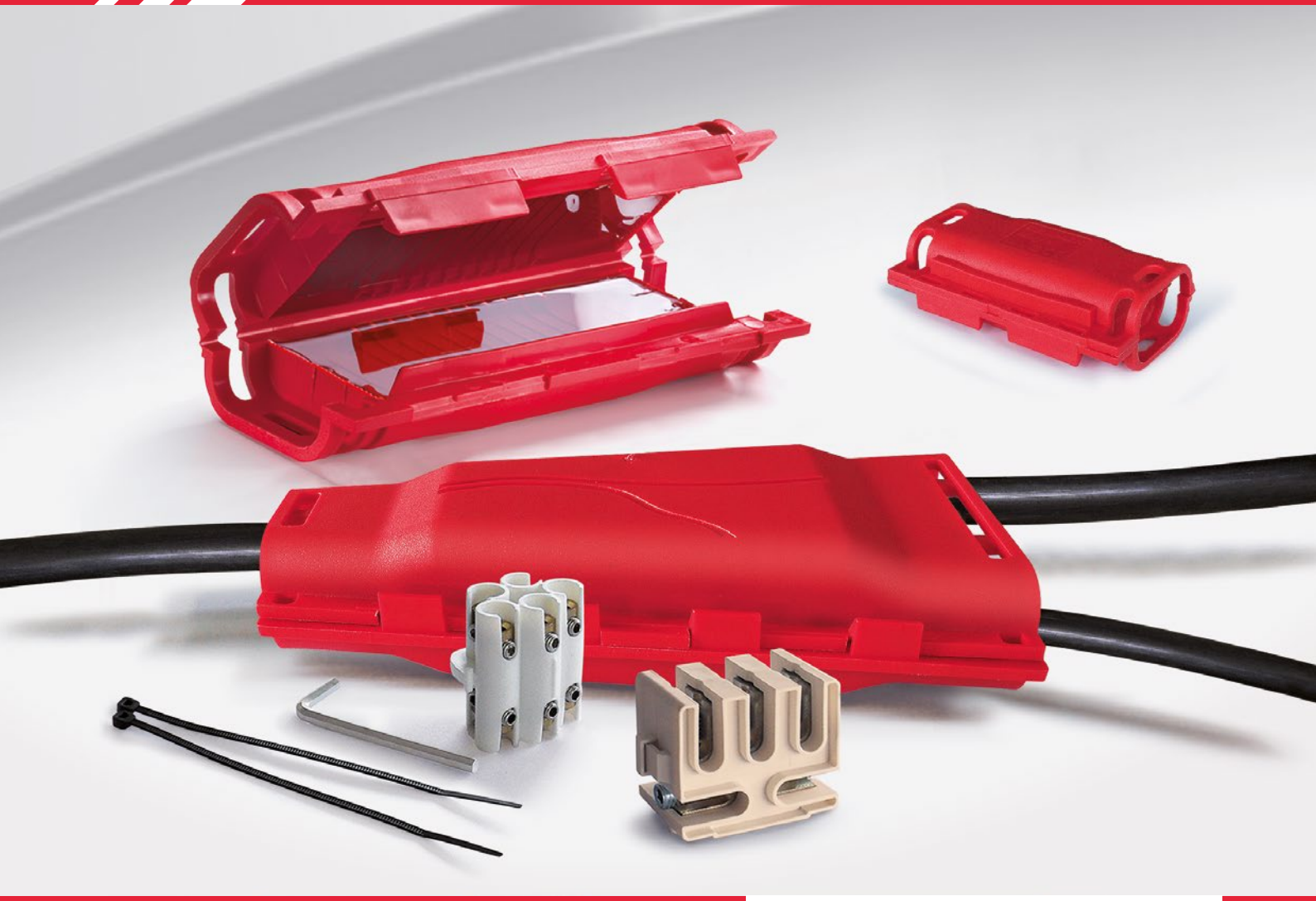


Low Voltage

EASYCELL®

Gel straight-through and branch joints for simple and fast assembly of safe cable connections

Systems For Professionals

CELLPACK
Electrical Products

a BBC GROUP company

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EASYCELL® gel straight-through and branch joints

The new EASYCELL® gel joint generation from Cellpack provides practical solutions for the connection and branch-off of low voltage cables up to 1 kV. Thereby, the generously dimensioned moulds with the sealing material, filled in and permanently soft elastic, together with the connection and branch-off blocks to be positioned precisely, guarantee for a safe electrical connection. As EASYCELL® will protect, insulate and seal instantly after closing, the connection is ready for immediate operation after being implemented.

Our product assortment includes 4 straight-through joints for cable sections ranging from 1.5 mm^2 up to 25 mm^2 as well as 2 branch joints for cable sections of 2.5 mm^2 up to 35 mm^2 on the main cable of 6 mm^2 up to 35 mm^2.

Product advantages

- no time-consuming mixing and filling
- no curing time after the installation
- no special tools for the assembly required
- allows the opening of the joints for the modification of the connection
- indefinitely storable
- no hazardous goods labeling required
- not classified as hazardous waste when disposed

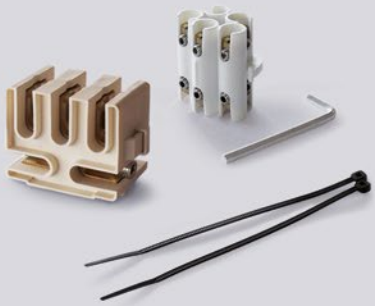
Application areas and properties

- for low voltage U_0/U (U_m) 0.6/1 (1.2) kV
- type-tested according to EN 50393
- for interior, outdoor, underground and water (according to test standard)
- for polymeric-insulated low voltage cables with 3-, 4- and 5-core aluminium or copper conductors
- available as straight-through and branch joints
- shock-proof joint mould with 1-component dimensionally stable, silicone-based gel
- multi range one-piece connector/branch-off block, completely insulated
- holder integrated in the joint moulds for fixing the connector/branch-off block
- protected, insulated and enveloped directly on closing the gel joint
- no section of the main cable required with branch-off joints
- separate strain relief for the application with high mechanical loads and forces
- installation temperature up to -20 °C



The optimized design of the joint moulds and the dimensionally stable Cellpack gel guarantee a safe, permanent protection against the penetration of water and moisture. The high-quality packaging includes illustrated installation steps, in addition to all product core data.

Completely insulated and cross-section range taking: The compact connector/ branch-off blocks are suitable for connections of up to five aluminium or copper conductors. Allen wrench and cable ties are also included in the scope of delivery.





Protection under high mechanical stresses. A strain relief for straight-through joints of 6 mm^2 up to 25 mm^2 (EASY 4 V and EASY 5 V) optionally available.





Universal application and efficient assembly
EASYCELL® allows the realization of safe cable connections in interior and outdoor areas as well as underground and under water.
The simple and fast assembly of the straight-through and branch joints does not require any special tools such as a gas burner, for example. The electrical connection can be operated immediately upon the implementation as the gel remains soft elastic and thus does not require any hardening.

✓ simple + ✓ fast = EASYCELL®



With just 5 working steps to the implementation of a safe electrical connection:

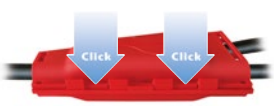
1 remove the conductor insulation



2 place the conductors into the connector block or branch-off block, respectively, and establish an electrical connection by means of an Allen wrench



3 position the connecting or branch-off block in the specially marked area of the gel joint



4 close the gel joint with a „click“



5 fix the gel joint with the cable ties

Product		Application range		Dimensions	Article number
		Main cable	Branch cable	L x W x H (mm)	
EASYCELL® gel straight-through joints					
EASY 2 V		3 x 1.5 - 2.5 mm²		86 x 47 x 27	**320436**
EASY 3 V		3 x 1.5 - 6 mm² 4 x 1.5 - 6 mm² 5 x 1.5 - 6 mm²		146 x 55 x 35	**309445**
EASY 4 V		3 x 6 - 16 mm² 4 x 6 - 16 mm² 5 x 6 - 16 mm²		180 x 69 x 40	**309446**
EASY 5 V		3 x 16 - 25 mm² 4 x 16 - 25 mm² 5 x 16 - 25 mm²		240 x 75 x 44	**309447**
EASYCELL® gel branch joints					
EASY 6 V		3 x 6 - 16 mm² 4 x 6 - 16 mm² 5 x 6 - 16 mm²	3 x 2.5 - 16 mm² 4 x 2.5 - 16 mm² 5 x 2.5 - 16 mm²	220 x 110 x 53	**309448**
EASY 7 V		3 x 16 - 35 mm² 4 x 16 - 35 mm² 5 x 16 - 35 mm²	3 x 2.5 - 35 mm² 4 x 2.5 - 35 mm² 5 x 2.5 - 35 mm²	260 x 130 x 65	**309449**
Accessories for EASYCELL® gel branch joints EASY 4 V and EASY 5 V (optional)					
Strain-relief		6 - 25 mm²			**310553**

Electropar Preformed Line Products
35 Lady Ruby Drive, East Tamaki, Manukau 2013
Tel. +64 9 274 2000 | Fax +64 9 274 2001
sales@electropar.co.nz

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Electrical Products
a BBC GROUP company