



Cable connecting systems & Accessories

Low and Medium Voltage

Systems For Professionals

CELLPACK
Electrical Products

a BBC GROUP company

COMPANY PROFILE

Electrical Products



Being an SME company within the Behr Bircher Cellpack (BBC) Group in Villmergen/ Switzerland, Cellpack Electrical Products has successfully established itself in the global markets, in the fields of development, production and customer oriented sales of cable connecting systems and accessories for the low and medium voltage up to 42 kV.

Systems For Professionals



Power utilities, electrical wholesalers, specialist electrical trade or the industry – they all share one thing in common: regarding a high operational safety for the power supply services in the distribution network as their first priority. The system solutions and products developed by Cellpack for complex, high-tech applications have significantly contributed to this.

Technology & Innovation



With our customer-oriented understanding of technologies and the distinctive culture of innovation, we have committed ourselves to concentrate, not only on the demands of our customers for technically innovative and thoroughly tested products, but also to ensure the safe and reliable functioning of our system solutions.

Quality & Service



Cellpack has gained worldwide recognition for highest material and product quality with standards being continuously controlled in our high-performance laboratories and testing facilities in Germany. This high benchmark also applies to the availability and delivery service of our products. The quality standard "Swiss Quality – Made in Germany" is our commitment.

Heat shrink technology



Cable accessories with heat shrink components made of extruded plastic material (thermoplaste) offer a wide field of applications for all kind of cables, as well as conductor and cross section range in the low and medium voltage. They protect the cable connection against water and moisture penetration and thus against metal corrosion and guarantee for excellent electrical insulation values as well as mechanical protection. The hybrid joints and terminations, designed by Cellpack especially for the medium voltage, combine components of silicone rubber and heat shrink products for safe and reliable operations.

The heat shrink product range includes straight-through, transition and pot end joints, terminations, wall ducts, repair sleeves and repair kits etc., heat shrink moulded parts as well as heat shrink tubes in various designs and types.

Cast resin technology



The Cellpack cast resin joints offer an overall long-term protection in terms of insulation values and resistance for all kind of cable accessories and cross sections. This is guaranteed by high-grade, unfilled two-component PUR cast resins which are designed for various applications as well as by the shockproof plastic moulds available with or without integrated strain relief. After the hardening process, the cable joints are resistant to mechanical and electrical loads.

The scope of delivery for all cast resins straight-through and branch joints or universal connection and branch boxes of Cellpack includes a cast resin tailored to the pre-selected field of application. The cast resins are further available individually in two-chamber bags with separation bars, if requested. The mixing of the cast resin component and the hardener is effected directly before the filling into the mould which is designed with at least one filling opening.

Gel technology



The EASYCELL® gel joints provide easy, fast and thus practical solutions for the connecting and branching of low voltage cables up to 1 kV. Hereby, the generously dimensioned plastic moulds with the added, permanently soft-elastic sealing material, together with the precisely positionable connection and branch-off blocks, guarantee for a safe electrical connection. As EASYCELL® will protect, insulate and seal instantly with the closing, the connection is ready for immediate operation after being installed.

A transparent two-component gel for easy and individually dosable cast of branch-off- and connection sockets rounds up the gel assortment. The Cellpack Power Gel provides a reliable sealing and protection of all electrical and electronic components and furthermore is removable.

Plug-in technologies & Contrax technology



Plug-in technologies

The compact, pluggable straight-through joint Compax with its particularly high level of pre-configuration, together with the innovative, pluggable connections Cellplex for outer-cone-systems, have been developed specifically for polymeric-insulated 1-core medium voltage cables. The integrated components system and robust construction also allow a fast and safe realization of cross-section range taking joint or connector solutions.

Contrax technology

The Contrax medium voltage terminations and straight-through joints provide the integration of the relevant core components within a one-piece insulator made of silicone rubber resistant to high voltage. These expand and are easily installed by means of the patented slip-on accessory with the assembly only.

All three Cellpack technologies guarantee for highest assembly and operational safety – not least by thorough quality controls and testing.



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The connection you can count on.

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