



Low & medium voltage

Cable connecting systems & Accessories

We connect your energy

www.cellpack.com

COMPANY PROFILE

Electrical Products



Being an SME company within the Behr Bircher Cellpack (BBC) Group in Villmergen/ Switzerland, BBC 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 BBC 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



BBC 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 BBC 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



BBC 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 BBC 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.

Non-labelled gel casting compounds based on silicone for protection and insulation of electrical components in low voltage up to 1 kV are available in particularly user-friendly versions. The gels are transparent or color translucent, mostly individually dosable, easy to remove, halogen-free, UV-stable and flexible.

Plug-in technologies & Contrax technology



Plug-in technologies

The compact, pluggable straight-through joint Com-
pax with its particularly high level of pre-configurati-
on, together with the innovative, pluggable con-
nections Cellplux 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 BBC Cellpack technologies guarantee for
highest assembly and operational safety – not
least by thorough quality controls and testing.

Connecting technology



BBC Cellpack screw connectors and screw cable lugs are suitable for cross-section ranges, reliable termination and joints of both, copper and aluminium cables. Furthermore, the innovative shear-off head bolts are designed for the use of just one conventional tool. The integrated centering and further technical optimizations allow to eliminate common assembly errors already before the installation.

Compression connectors, compression cable lugs, branch clamps and wire connectors in various types round up the connector portfolio tailored to the BBC Cellpack cable sets for a safe and permanent connection of copper or aluminium cables.

Electrical insulation and mounting tapes



Insulating, bundling, labeling, protecting, affixing, mounting, padding, sealing or repairing: Electrical insulation and mounting tapes for low and medium voltage have to meet most different requirements. Therefore, BBC Cellpack has aligned the individual functional profiles of its tapes to the various applications in an optimal way.

The high-quality Premio PVC electrical insulation tapes, available in all standard colors, are particularly flexible, stabilized against UV rays and packed separately in practical plastic boxes. Furthermore, the Premio family provides PVC and PSE tapes for bundling and affixing, heat-resistant glass fibre cloth tapes as well as copper foil for discharge and screening.

Accessories and specific products



Whether you need useful tools for connecting and branching of low and medium voltage cables, products for bundling, marking or feeding of cables and wires, or for insulation, sealing and cleaning – BBC Cellpack provides a field-tested range of accessories for various uses and applications.

The product portfolio ranges from heating systems to cable ties and markers and fastening elements, tools such as heat shrink torch kits, clamp tools and striping tools, up to special products such as cleaners (as cloth or spray), anti-corrosion and insulation sprays, cable lubricants, putty/sealing compounds, cable centering aids and screen connecting kits for telecommunication cables.

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