

CAE

Indoor and Outdoor Termination up to 36kV



- Fast, easy and safe to install
 - Universal solution for different cross-sections
 - Use of standard tools
 - Unlimited storage
- Type tested according to CENELEC HD 629.1

Systems For Professionals

CELLPACK

Electrical Products

Benefits begins by quality

Cable accessories are indispensable and determinant for the quality of an electrical distribution network. They must guarantee the same reliability as the cable itself. Due to the high costs incurred by the operation of medium voltage networks, failures must be avoided. Therefore it is of utmost importance to the electrical utilities to achieve an **easy, quick** and among all **safe** installation of cable accessories.

The Contrax terminations family is specially designed for a reliable connection of all screened medium voltage power cables up to 36kV. Since the main components of the termination are already integrated into one pre-moulded unit the numbers of parts to be installed are drastically reduced. Thanks to the compact design and construction, installation, transport and storage costs are saved.

Advantages

- Easy, fast and safe to install
- Wide cross-section application range
- For press as well as mechanical cable lugs
- Compact construction
- Less components to install
- Unlimited storage
- Type Tested according to CENELEC HD 629.1

Benefits

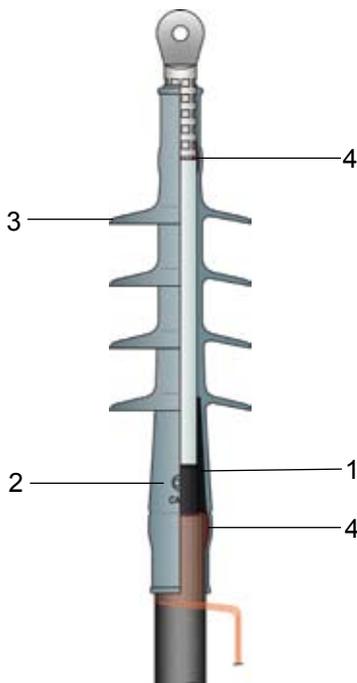
- Granted quality
- Network reliability
- Reduction of installation, transport and storage costs



Termination Features

Contrax indoor terminations Type CAE-I or CAE-3I and outdoor terminations CAE-F or CAE-3F are conceived for the connection all kind of single or three-core medium voltage screened power cables with plastic insulation (EPR, PVC, XLPE) with different outer semi-conductive layer (graphitized, peelable or fully-bonded) as well as screen construction (copper band or wires) for a system voltage up to 36kV and for main cross- sections from 16 mm² to 800 mm².

The core of the Contrax termination is based on the pre-moulded termination body made of flexible silicone rubber with integrated field control element gained through a controlled injection process.



Main Components

1. Field control element (FSE)
2. Main insulation
3. Sheds
4. Sealant mastic





◀ The special silicone rubber composite used on all Contrax terminations is characterized for having excellent UV, Ozone and creepage current resistance performance demonstrated on the field for more than 20 years.

Through the excellent hydrophobic properties of the silicone rubber and thanks to the optimized compact design installation, transport and storage costs are saved. All terminations are designed to withstand severe weather conditions and fulfil all the requirements of VDE and the international standards IEC.



▶ The installation of the terminations is practically performed in one quick and easily slip-on step through a patented applicator. By this safely method of installation faulty cable preparation or false body positioning is avoided and the volume of potential installation defects is drastically reduced.

For the application in three-core cables a silicone spreader cap and tubes with integrated applicators are also provided.

WEST

Cellpack AG Electrical Products
Anglikerstrasse 99
5612 Villmergen
Schweiz
Tel. +41 (0) 56 618 12 34
Fax +41 (0) 56 618 12 45
electrical.products@cellpack.com

Cellpack GmbH
Carl-Zeiss-Straße 20
79761 Waldshut-Tiengen
Deutschland
Tel. +49 7741 6007-0
Fax +49 7741 64989
electrical.products@cellpack.com

Cellpack Benelux B.V.
Keersluisweg 13
1332 EE Almere Buiten
Nederland
Tel. +31 (0) 36 549 03 36
Fax +31 (0) 36 532 74 99
info@cellpack.nl

Behr Bircher Cellpack Ibérica, S.A.
C/.Mas Pujol, nr. 47 – Nave 4
Pol. Ind. Sector V
08520 – Les Franqueses del Vallès
Barcelona – España
Tel. +34 93 846 63 76
Fax +34 93 849 12 06
comercial@cellpackiberica.com

Behr Bircher Cellpack BBC France s.à.r.l.
277, Boulevard des Technologies
54710 Ludres
France
Tel. +33.(0)3.83.25.60.07
Fax +33.(0)3.83.25.88.27
info@cellpack-ep.fr

EAST

Cellpack Polska Sp. z o.o.
ul Bokserska 64,
02-690 Warszawa
Polska
Tel. +48 022 853 53 54
Fax +48 022 853 53 56
biuro@cellpack.pl

ASIA

Cellpack Far East (PTE) LTD.
128 Joo Seng Road # 06 – 01
Singapore 368356
Tel. +65 6747 7024
Fax +65 6841 4554
cellpack@singnet.com.sg

Behr Bircher Cellpack BBC Malaysia Sdn. Bhd.
No. 8, Jalan TU 50
Taman Tasik Utama
Ayer Keroh
75450 Melaka
Malaysia
Tel. + 60 6 251 95 30
Fax + 60 6 251 95 31
info@cellpack.com.my
www.cellpack.com.my

Vietnam Authorized Distributor:
Thang Long Energy JSC.
12A- 14, en Hoa New Urban Area, Cau Giay Dist.,
Ha Noi, Vietnam.
Tel: + 84 4 6269 8612
Fax: + 84 4 6269 8512
sales.tlec@gmail.com
www.thanglongenergy.com

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