



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS  
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS

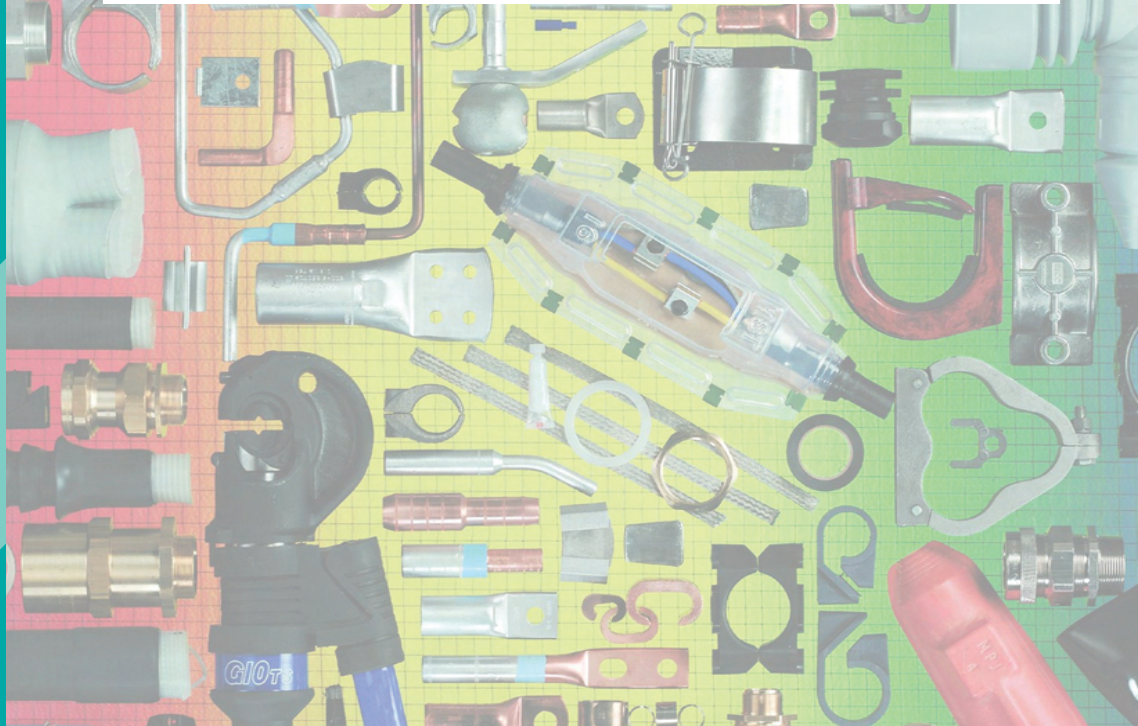
FURSE EARTHING

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**PRYSMIAN CABLES & SYSTEMS LIMITED**

(The new name for Pirelli Cables)

# SHORTFORM CATALOGUE

**Version 02.06**

[www.prysmian.co.uk](http://www.prysmian.co.uk)

Shortform Catalogue  
Version 02.06

## "Same Knowledge, Different Name"

Welcome to the new edition of the Prysmian Components' Shortform Catalogue, containing our extensive range of power cable accessories. As you may be aware Prysmian is the new name for the Pirelli Cables Businesses worldwide. This is the first Shortform catalogue produced with the new brand identity, and contains all our latest product ranges in one handy, easy to read, document.

Trade price lists to accompany this product catalogue are available from our sales office on request - or for download via our website: [www.prysmian.co.uk](http://www.prysmian.co.uk) (please select 'E-catalogues' from the left hand menu – then 'Components Trade Price List' from the right hand menu).

Prysmian Components continues to offer many additional services including full technical support and a design service for complete cable systems. As part of Prysmian Cables & Systems, we are in the unique position of being able to offer cables and accessories for Industrial, LV and MV Applications (including on and offshore Oil, Gas and Petrochemical applications).

This removes the risk of independently purchasing cables and accessories from different manufacturers and the associated problems of non-compatibility with size and design. Unlike our competitors we are able to provide our customers with a complete system solution of integrated cables and accessories.

The products in this catalogue are CE marked or appropriately certified for the territory or market for which they are intended. In order to comply with these stringent requirements we hold and maintain technical files for all product ranges – and are willing to supply test reports, MSD sheets and technical datasheets as requested.

## Terms and Conditions

Prysmian Components' products are sold subject to our Standard Conditions of Sale, copies of which are available upon request, and on our website: [www.prysmian.co.uk](http://www.prysmian.co.uk)

Prysmian shall have the right at any time prior to delivery or collection of the products to change their specification in accordance with clause 3.2 of our Standard Conditions of Sale

Please contact the Sales Office for lead times and details of minimum order quantities. Special delivery requirements for example a.m. next day deliveries, will be charged at cost. This cost will be confirmed at time of order.

**For further information please contact our sales office:** Prysmian Cables & Systems Limited, Components Unit, P.O Box 4, Hall Lane, Prescott, Merseyside, L34 5UR.

### Components Sales Department

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### Opening Hours

08.00 - 17.00 Monday - Friday

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## Cable Glands

# Section

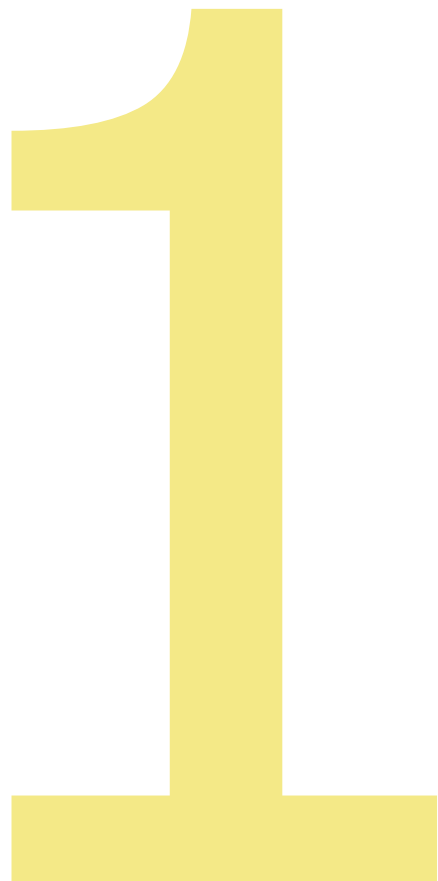
Prysmian Components offer cable glands for a wide range of requirements from simple industrial applications to hazardous areas, on and offshore.

All Industrial Cable glands are designed and manufactured in accordance with either BS6121 or EN50262, which are the prevailing UK and European design and performance standards applicable.

All Hazardous Area Glands are designed and manufactured in accordance with the requirements of the ATEX Directive - 94/9/EC.

Accreditations have been obtained from SIRA, UL and CSA. They are also recognized by DEMKO, NEMKO, Lloyds Register of Shipping, Shell etc.

Prysmian Cable Glands are manufactured under a BS EN ISO 9001 quality system and designed to meet stringent national and international standards.



## BICON GLAND KITS

### BW GLAND KIT (INDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Steel Backnut, PVC Shroud and Brass Earth Tag.

| Size | Ref. No. |
|------|----------|
| 20S  | BW20SK   |
| 20   | BW20K    |
| 25   | BW25K    |
| 32   | BW32K    |
| 40   | BW40K    |
| 50   | BW50K    |
| 63   | BW63K    |
| 75S  | BW75SK   |
| 75   | BW75K    |



### CW GLAND KIT (INDOOR/OUTDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Steel Backnut, PVC Shroud and Brass Earth Tag.

| Size | Ref. No. |
|------|----------|
| 20SS | CW20SSK  |
| 20S  | CW20SK   |
| 20   | CW20K    |
| 25   | CW25K    |
| 32   | CW32K    |
| 40   | CW40K    |
| 50S  | CW50SK   |
| 50   | CW50K    |
| 63   | CW63K    |
| 75   | CW75K    |
| 85   | CW85K    |



### A1/A2 GLAND KIT (INDOOR/OUTDOOR TYPE) FOR UNARMoured CABLE

Includes Gland, PVC Shroud and Brass Backnut.

| Size | Ref. No. |
|------|----------|
| 20SS | KM40971  |
| 20S  | KM40952  |
| 20   | KM40953  |
| 25   | KM40955  |
| 32   | KM40956  |
| 40   | KM40957  |
| 50S  | KM40958  |
| 50   | KM40959  |
| 63S  | KM40960  |
| 63   | KM40961  |
| 75S  | KM40962  |
| 75   | KM40963  |



## BICON LSOH GLAND KITS

LSOH cable gland kits designed for use with FP, Afumex®, LSOH and LSF cables.

### BW LSOH GLAND KIT (INDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Brass Backnut, Afumex Shroud and Brass Earth Tag. LUL approved.

| Size | Ref. No. |
|------|----------|
| 20S  | LSF20SBW |
| 20   | LSF20BW  |
| 25   | LSF25BW  |
| 32   | LSF32BW  |
| 40   | LSF40BW  |
| 50   | LSF50BW  |
| 63   | LSF63BW  |
| 75S  | LSF75SBW |
| 75   | LSF75BW  |



### CW LSOH GLAND KIT (INDOOR/OUTDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Brass Backnut, Afumex Shroud and Brass Earth Tag. LUL approved.

| Size | Ref. No.  |
|------|-----------|
| 20SS | LSF20SSCW |
| 20S  | LSF20SCW  |
| 20   | LSF20CW   |
| 25   | LSF25CW   |
| 32   | LSF32CW   |
| 40   | LSF40CW   |
| 50S  | LSF50SCW  |
| 50   | LSF50CW   |
| 63   | LSF63CW   |
| 75   | LSF75CW   |



### A1/A2 LSOH GLAND KIT (INDOOR/OUTDOOR TYPE) FOR UNARMoured CABLE

Includes Gland, Brass Backnut and Afumex Shroud. LUL approved.

| Size | Ref. No. |
|------|----------|
| 20SS | 423LSF71 |
| 20S  | 423LSF52 |
| 20   | 423LSF53 |
| 25   | 423LSF55 |
| 32   | 423LSF56 |
| 40   | 423LSF57 |
| 50S  | 423LSF58 |
| 50   | 423LSF59 |
| 63S  | 423LSF60 |
| 63   | 423LSF61 |
| 75S  | 423LSF62 |
| 75   | 423LSF63 |



Gland kits up to size 25 contain 2 sets of glands and accessories, larger kits contain 1 set.

## BICON GLAND KITS

### CW GLAND KIT (INDOOR/OUTDOOR TYPE) FOR ALUMINIUM WIRE ARMoured CABLE

Includes Gland, Aluminium Backnut, PCP or PVC Shroud and Aluminium Earth Tag.

| Size | Ref. No.<br>(PCP) | Ref. No.<br>(PVC) |
|------|-------------------|-------------------|
| 20   | 422AL53           | -                 |
| 25   | 422AL55           | -                 |
| 32   | 422AL56           | 422AL56P          |
| 40   | 422AL57           | 422AL57P          |
| 50S  | 422AL58           | 422AL58P          |
| 50   | 422AL59           | 422AL59P          |
| 63   | 422AL61           | 422AL61P          |
| 75   | 422AL63           | -                 |



### E1W GLAND KIT (INDOOR/OUTDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Steel Backnut, PVC Shroud and Brass Earth Tag.

| Size | Ref. No. |
|------|----------|
| 20SS | E1W20SSK |
| 20S  | E1W20SK  |
| 20   | E1W20K   |
| 25   | E1W25K   |
| 32   | E1W32K   |
| 40   | E1W40K   |
| 50S  | E1W50SK  |
| 50   | E1W50K   |
| 63S  | E1W63SK  |
| 63   | E1W63K   |
| 75S  | E1W75SK  |
| 75   | E1W75K   |



### E1W GLAND KIT (INDOOR/OUTDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Brass Backnut, PCP Shroud and Brass Earth Tag.

| Size | Ref. No. |
|------|----------|
| 20SS | KA41371  |
| 20S  | KA41352  |
| 20   | KA41353  |
| 25   | KA41355  |
| 32   | KA41356  |
| 40   | KA41357  |
| 50S  | KA41358  |
| 50   | KA41359  |
| 63S  | KA41360  |
| 63   | KA41361  |
| 75S  | KA41362  |
| 75   | KA41363  |



## BICON LSOH GLAND KITS

LSOH cable gland kits designed for use with FP, Afumex®, LSOH and LSF cables.

### CW LSOH GLAND KIT (INDOOR/OUTDOOR TYPE) FOR ALUMINIUM WIRE ARMoured CABLE

Includes Gland, Aluminium Backnut, Afumex Shroud and Aluminium Earth Tag. LUL approved.

| Size | Ref. No. |
|------|----------|
| 20   | 432LSF53 |
| 25   | 432LSF55 |
| 32   | 432LSF56 |
| 40   | 432LSF57 |
| 50   | 432LSF59 |
| 63   | 432LSF61 |



### E1W LSOH GLAND KIT (INDOOR/OUTDOOR TYPE) FOR STEEL WIRE ARMoured CABLE

Includes Gland, Brass Backnut, Afumex Shroud and Brass Earth Tag. LUL approved.

| Size | Ref. No.   |
|------|------------|
| 20SS | LSF20SSE1W |
| 20S  | LSF20SE1W  |
| 20   | LSF20E1W   |
| 25   | LSF25E1W   |
| 32   | LSF32E1W   |
| 40   | LSF40E1W   |
| 50S  | LSF50SE1W  |
| 50   | LSF50E1W   |
| 63S  | LSF63SE1W  |
| 63   | LSF63E1W   |
| 75S  | LSF75SE1W  |
| 75   | LSF75E1W   |



Recommended for Prysmian's FP400 cables.

## BICON GLAND KITS

### CX GLAND KIT (INDOOR/OUTDOOR TYPE) FOR WIRE BRAIDED CABLE

Includes Gland, Brass Backnut, PCP Shroud and Brass Earth Tag.

| Size | Ref. No. |
|------|----------|
| MINI | KA41491* |
| 20SS | KA41471  |
| 20S  | KA41452  |
| 20   | KA41453  |
| 25   | KA41455  |
| 32   | KA41456  |
| 40   | KA41457  |
| 50   | KA41459  |
| 63   | KA41461  |
| 75   | KA41463  |



\* This kit does not contain a shroud.

Gland kits up to size 25 contain 2 sets of glands and accessories, larger kits contain 1 set.

## CON GLAND KITS

### AXT GLAND KIT (INDOOR/OUTDOOR TYPE) FOR WIRE BRAIDED CABLE

Includes Gland, PVC Shroud, Steel Backnut, Brass Washers and Earth Tag

| Size | Ref. No. |
|------|----------|
| M20S | AXT20SK  |
| M20  | AXT20K   |
| M25  | AXT25K   |



Gland kits up to size 25 contain 2 sets of glands and accessories.

## CON INTEGRAL EARTH GLANDS

### CW GLAND (INDOOR/OUTDOOR) INTEGRAL EARTH TYPE FOR SWA CABLES

| Size | Ref. No. |
|------|----------|
| 20S  | 419CE52  |
| 20   | 419CE53  |
| 25   | 419CE55  |
| 32   | 419CE56  |
| 40   | 419CE57  |
| 50   | 419CE59  |
| 63   | 419CE61  |
| 75   | 419CE63  |
| 85   | 419CE64  |



Note: Other sizes are available upon request.

### CW GLAND (INDOOR/OUTDOOR) INTEGRAL EARTH TYPE FOR AWA CABLES

| Size | Ref. No. |
|------|----------|
| 25   | 454CE55  |
| 32   | 454CE56  |
| 40   | 454CE57  |
| 50   | 454CE59  |
| 63   | 454CE61  |
| 75   | 454CE63  |



## CON NYLON GLANDS

### NYLON GLAND (INDOOR/OUTDOOR TYPE) FOR UNARMoured CABLES

IP68 rated.

| Size | Ref. No. |
|------|----------|
| M16  | 403K*51  |
| M20  | 403K*53  |
| M25  | 403K*55  |
| M32  | 403K*56  |



Note: for black insert 'B' e.g. 403KB51  
for white insert 'W'  
for red insert 'R'  
for grey insert 'G'

### NYLON EExe II GLAND (INDOOR/OUTDOOR) FOR UNARMoured CABLE

With backnut.

| Size | Ref. No. |
|------|----------|
| 16   | 403AT51  |
| 20S  | 403AT52  |
| 20   | 403AT53  |
| 25   | 403AT55  |
| 32   | 403AT56  |
| 40   | 403AT57  |
| 50   | 403AT59  |
| 63   | 403AT61  |



## CON FIRE PERFORMANCE (FP) GLANDS

### FP GLAND FOR FIRE PERFORMANCE CABLE

FP200 easyfit cable gland  
GL FP2520 - Red and White

| Size    | Ref. No. |
|---------|----------|
| 2 x 1.0 | FP2520*  |
| 2 x 1.5 | FP2520*  |
| 2 x 2.5 | FP2520*  |
| 2 x 4.0 | FP2520*  |
| 3 x 1.0 | FP2520*  |
| 3 x 1.5 | FP2520*  |
| 3 x 2.5 | FP2520*  |
| 3 x 4.0 | FP2520*  |
| 4 x 1.0 | FP2520*  |
| 4 x 1.5 | FP2520*  |
| 4 x 2.5 | FP2520*  |



\*Note: Add suffix 'R' for red or 'W' for white e.g. FP2520R

Fixings for FP Cables can be found on page 19.

### FP600 (INDOOR/OUTDOOR) TYPE FOR FP600 ENHANCED FIRE RESISTANT CABLES

And other interlocking steel tape armoured cables.

| Size | Ref. No. |
|------|----------|
| 25   | 416FP55  |
| 32   | 416FP56  |
| 40   | 416FP57  |
| 50   | 416FP59  |





**BRASS BACKNUT**

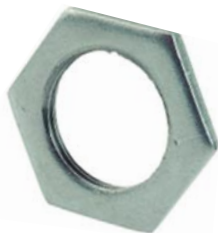
| Size | Ref. No. |
|------|----------|
| 16   | 429AA51  |
| 20   | 429AA53  |
| 25   | 429AA55  |
| 32   | 429AA56  |
| 40   | 429AA57  |
| 50   | 429AA59  |
| 63   | 429AA61  |
| 75   | 429AA63  |
| 85   | 429AA64  |
| 90   | 429AA65  |
| 100  | 429AA66  |
| 110  | 429AA67  |



Note: for sale in multiples of 10.

**ALUMINIUM BACKNUT**

| Size | Ref. No. |
|------|----------|
| 25   | 459AA55  |
| 32   | 459AA56  |
| 40   | 459AA57  |
| 50   | 459AA59  |
| 63   | 459AA61  |
| 75   | 459AA63  |



Note: for sale in multiples of 10.

**PCP SHROUD**

| Size        | Ref. No. |
|-------------|----------|
| 16/20S      | 401AA02  |
| 20          | 401AA03  |
| 25          | 401AA05  |
| 32          | 401AA06  |
| 40          | 401AA07  |
| 50S/50      | 401AA09  |
| 63S/63      | 401AA11  |
| 75S/75      | 401AA13  |
| 20S BARRIER | 401AA22  |



Note: This Product is for sale in multiples of 10

**BRASS EARTH TAG**

| Size  | Ref. No. |
|-------|----------|
| 16    | 428ET51  |
| 20    | 428ET53  |
| 25    | 428ET55  |
| 32    | 428ET56  |
| 40    | 428ET57  |
| 50    | 428ET59  |
| 63    | 428ET61  |
| 75    | 428ET63  |
| 85/90 | 428ET65  |
| 100   | 428ET66  |
| 110   | 428ET67  |



Note: for sale in multiples of 10.

**ALUMINIUM EARTH TAG**

| Size | Ref. No. |
|------|----------|
| 25   | 458ET55  |
| 32   | 458ET56  |
| 40   | 458ET57  |
| 50   | 458ET59  |
| 63   | 458ET61  |
| 75   | 458ET63  |



Note: for sale in multiples of 10.

**ACCESSORY KITS**

For use with A, B, C & E Type brass glands. (Includes PVC Shroud, Nylon Sealing Washer, Brass Earth Tag & Brass Locknut)

| Size | Ref. No. |
|------|----------|
| 16   | KA16M    |
| 20SS | KA20SSM  |
| 20S  | KA20M    |
| 25   | KA25M    |
| 32   | KA32M    |
| 40   | KA40M    |
| 50   | KA50M    |
| 63   | KA63M    |
| 75   | KA75M    |

**INSULATED GLAND ADAPTOR EExd IIC**

| Size | Ref. No. |
|------|----------|
| 20   | 481AA53  |
| 25   | 481AA55  |
| 32   | 481AA56  |
| 40   | 481AA57  |
| 50   | 481AA59  |
| 63   | 481AA61  |
| 75   | 481AA63  |
| 85   | 481AA64  |



Other accessories, including steel locknuts, LSOH and PVC shrouds and sealing washers can be purchased separately upon application.



## BICON HAZARDOUS AREA GLAND KITS

### E1WF EExd IIC & EExe II GLAND KIT FOR STEEL WIRE ARMoured CABLE

includes Gland, Brass Backnut, PVC Shroud, Brass Earth Tag and Nylon Sealing Washer.

| Size | Ref. No. |
|------|----------|
| 20SS | KCA47271 |
| 20S  | KCA47252 |
| 20   | KCA47253 |
| 25   | KCA47255 |
| 32   | KCA47256 |
| 40   | KCA47257 |
| 50S  | KCA47258 |
| 50   | KCA47259 |
| 63S  | KCA47260 |
| 63   | KCA47261 |
| 75S  | KCA47262 |
| 75   | KCA47263 |



### E1XF EExd IIC & EExe II GLAND KIT FOR WIRE BRAIDED CABLE

Includes Gland, Brass Backnut, PVC Shroud, Brass Earth Tag and Nylon Sealing Washer.

| Size | Ref. No. |
|------|----------|
| 20SS | KCA47371 |
| 20S  | KCA47352 |
| 20   | KCA47353 |
| 25   | KCA47355 |
| 32   | KCA47356 |
| 40   | KCA47357 |
| 50S  | KCA47358 |
| 50   | KCA47359 |
| 63S  | KCA47360 |
| 63   | KCA47361 |
| 75S  | KCA47362 |
| 75   | KCA47363 |



### A2EX EExd IIC & EExe II GLAND KIT FOR UNARMoured AND BRAIDED CABLE

Includes gland, Brass Backnut and PVC Shroud.

| Size | Ref. No.  |
|------|-----------|
| 20SS | A2EX20SSK |
| 20S  | A2EX20SK  |
| 20   | A2EX20K   |
| 25   | A2EX25K   |
| 32   | A2EX32K   |
| 40   | A2EX40K   |
| 50   | A2EX50K   |
| 63   | A2EX63K   |
| 75S  | A2EX75SK  |
| 75   | A2EX75K   |



Gland kits up to size 25 contain 2 sets of glands and accessories, larger kits contain 1 set.

## BICON HAZARDOUS AREA GLANDS

### E1WF EExe IIC & EExe II GLAND FOR STEEL WIRE ARMoured CABLE

| Size | Ref. No. |
|------|----------|
| 16   | 472AA51  |
| 20SS | 472AA71  |
| 20S  | 472AA52  |
| 20   | 472AA53  |
| 25   | 472AA55  |
| 32   | 472AA56  |
| 40   | 472AA57  |
| 50S  | 472AA58  |
| 50   | 472AA59  |
| 63S  | 472AA60  |
| 63   | 472AA61  |
| 75S  | 472AA62  |
| 75   | 472AA63  |
| 85   | 472AA64  |



### E1XF EExd IIC & EExe II GLAND FOR WIRE BRAIDED CABLE

| Size | Ref. No. |
|------|----------|
| 16   | 473AA51  |
| 20SS | 473AA71  |
| 20S  | 473AA52  |
| 20   | 473AA53  |
| 25   | 473AA55  |
| 32   | 473AA56  |
| 40   | 473AA57  |
| 50S  | 473AA58  |
| 50   | 473AA59  |
| 63S  | 473AA60  |
| 63   | 473AA61  |
| 75S  | 473AA62  |
| 75   | 473AA63  |
| 85   | 473AA64  |



### A2EX EExe II C & EExe II GLAND FOR UNARMoured AND BRAIDED CABLE

Deluge proof gland IP68.

| Size | Ref. No. |
|------|----------|
| 16   | A2EX16   |
| 20SS | A2EX20SS |
| 20S  | A2EX20S  |
| 20   | A2EX20   |
| 25   | A2EX25   |
| 32   | A2EX32   |
| 40   | A2EX40   |
| 50   | A2EX50   |
| 63   | A2EX63   |
| 75S  | A2EX75S  |
| 75   | A2EX75   |



## RTLFL GLAND EExd IIC - EExe II FOR OCMA AND EEMUA STEEL WIRE ARMoured LEAD CABLE

| Size | Ref. No. |
|------|----------|
| 20S  | 475AA51  |
| 20   | 475AA52  |
| 25S  | 475AA53  |
| 25   | 475AA54  |
| 32S  | 475AA55  |
| 32   | 475AA56  |
| 40   | 475AA57  |
| 50SA | 475AA58  |
| 50S  | 475AA59  |
| 50A  | 475AA60  |
| 50   | 475AA61  |
| 63SA | 475AA62  |
| 63S  | 475AA63  |
| 63A  | 475AA64  |
| 63   | 475AA65  |
| 75SA | 475AA66  |
| 75S  | 475AA67  |
| 75A  | 475AA68  |
| 75   | 475AA69  |



## BARR-W EExd IIC GLAND (EXPLOSION PROOF) FOR STEEL WIRE ARMoured CABLE

| Size | Ref. No. |
|------|----------|
| 20S  | 424TW52  |
| 20   | 424TW53  |
| 25   | 424TW55  |
| 32   | 424TW56  |
| 40   | 424TW57  |
| 50   | 424TW59  |
| 63   | 424TW61  |
| 75   | 424TW63  |
| 85   | 424TW64  |



## BARR-X EExd IIC GLAND (EXPLOSION PROOF) FOR WIRE BRAIDED CABLE

| Size | Ref. No. |
|------|----------|
| 20S  | 424TX52  |
| 20   | 424TX53  |
| 25   | 424TX55  |
| 32   | 424TX56  |
| 40   | 424TX57  |
| 50   | 424TX59  |
| 63   | 424TX61  |
| 75   | 424TX63  |
| 85   | 424TX64  |



## E1XF EExd IIC & EExe II GLAND FOR WIRE BRAIDED CABLE

To IP67.

| Size | Ref. No. |
|------|----------|
| 16   | 473SX51  |
| 20SS | 473SX71  |
| 20S  | 473SX52  |
| 20   | 473SX53  |
| 25   | 473SX55  |
| 32   | 473SX56  |
| 40   | 473SX57  |
| 50S  | 473SX58  |
| 50   | 473SX59  |
| 63S  | 473SX60  |
| 63   | 473SX61  |



## BARR-A EExd IIC GLAND (EXPLOSION PROOF) FOR UNARMoured CABLE

| Size | Ref. No. |
|------|----------|
| 20   | 424TA53  |
| 25   | 424TA55  |
| 32   | 424TA56  |
| 40   | 424TA57  |
| 50   | 424TA59  |
| 63   | 424TA61  |
| 75   | 424TA63  |
| 85   | 424TA64  |



## EXCEL PLUS EExd IIC & EExe II GLAND FOR ALL ARMoured CABLE TYPES

Eg. steel wire, steel tape and braided armoured cables. Deluge proof & IP67.

| Size | Ref. No. |
|------|----------|
| 16   | 493AB51  |
| 20SS | 493AB71  |
| 20S  | 493AB52  |
| 20   | 493AB53  |
| 25   | 493AB55  |
| 32   | 493AB56  |
| 40   | 493AB57  |
| 50   | 493AB59  |
| 63   | 493AB61  |
| 75   | 493AB63  |



## BARR-Pb EExd IIC GLAND (EXPLOSION PROOF) FOR OCMA AND EEMUA STEEL WIRE ARMoured CABLE

| Size | Ref. No. |
|------|----------|
| 20S  | 424TP52  |
| 20   | 424TP53  |
| 25   | 424TP55  |
| 32   | 424TP56  |
| 40   | 424TP57  |
| 50   | 424TP59  |
| 63   | 424TP61  |
| 75   | 424TP63  |
| 85   | 424TP64  |



## Cleats & Cable Fixings

# Section

Prysmian Components offers a complete selection of cable cleats and fixing accessories to suit the majority of L.V., M.V. and H.V. cables, offering the user the ability to match individual site requirements with the most appropriate product for their application. They are also designed and manufactured to the highest performance standards. To compliment the range of cleats, we also offer a number of specially designed accessories.

When it is necessary to select cleats for an installation, there are six key elements to be considered; (I) Mechanical load, (II) Cable run - horizontal / vertical, (III) Environment, (IV) Operating temperature / LSOH requirements, (V) Compatibility with the support structure, (VI) Cable diameter accommodation. A combination of these elements is required to select the most appropriate cleat.

The use of Prysmian Components' cable cleats result in a safe and efficient installation where the cables reach their optimum rating and provide the necessary restraint to the cables in the event of a short circuit fault occurring in the system. They also allow a neat and orderly arrangement of cables which is aesthetically pleasing.



## BICON CABLE CLEATS

### TELECLEATS (BLACK POLYTHENE/LSOH)

**Notes apply to LSOH version only:**  
LUL approved.  
Designed for use with Afumex®, LSOH and LSF cables



| Cable Diameter mm | Polythene Ref. No. | LSOH Ref. No. |
|-------------------|--------------------|---------------|
| 10.5 - 14.5       | 385AA01            | 385LSF01      |
| 12.2 - 16.7       | 385AA02            | 385LSF02      |
| 14.6 - 19.8       | 385AA03            | 385LSF03      |
| 17.7 - 24.0       | 385AA04            | 385LSF04      |
| 21.7 - 28.5       | 385AA05            | 385LSF05      |
| 26.2 - 34.2       | 385AA06            | 385LSF06      |
| 31.9 - 41.6       | 385AA07            | 385LSF07      |
| 39.3 - 51.1       | 385AA08            | 385LSF08      |

### HEAVY DUTY HOOK CLEATS (NYLON/LSOH)

**Notes apply to LSOH version only:**  
Designed for use with Afumex®, LSOH and LSF cables



| Cable Diameter mm | NYLON Ref. No. | LSOH Ref. No. |
|-------------------|----------------|---------------|
| 25 - 35           | 384AA01        | 384LSF01      |
| 34 - 44           | 384AA02        | 384LSF02      |
| 43 - 53           | 384AA03        | 384LSF03      |
| 52 - 62           | 384AA04        | 384LSF04      |
| 61 - 71           | 384AA05        | 384LSF05      |
| 70 - 80           | 384AA06        | 384LSF06      |

### HOOK CLEAT (ALUMINIUM)

| Cable Diameter mm | Ref. No. |
|-------------------|----------|
| 19 - 22           | 371AA03  |
| 22 - 25           | 371AA04  |
| 25 - 32           | 371AA05  |
| 32 - 38           | 371AA06  |
| 38 - 44           | 371AA07  |
| 44 - 51           | 371AA08  |
| 51 - 57           | 371AA09  |
| 57 - 64           | 371AA10  |
| 64 - 70           | 371AA11  |
| 70 - 76           | 371AA12  |



### CLAW CLEATS (ALUMINIUM/ALUMINIUM EPOXY COATED)



| Cable Diameter mm | Aluminium Ref. No. | Epoxy Ref. No. |
|-------------------|--------------------|----------------|
| 10 - 13           | 370BA01            | 370BB01        |
| 13 - 16           | 370BA02            | 370BB02        |
| 16 - 19           | 370BA03            | 370BB03        |
| 19 - 22           | 370BA04            | 370BB04        |
| 22 - 25           | 370BA05            | 370BB05        |
| 25 - 32           | 370BA06            | 370BB06        |
| 32 - 38           | 370BA07            | 370BB07        |
| 38 - 44           | 370BA08            | 370BB08        |
| 44 - 51           | 370BA09            | 370BB09        |

### CLAW CLEATS (CAST IRON/CAST IRON EPOXY COATED)

Cast Iron claw cleats are hot dip galvanized and are designed for use with FP400 and FP600 cables.



| Cable Diameter mm | Cast Iron Ref. No. | Epoxy Ref. No. |
|-------------------|--------------------|----------------|
| 10 - 13           | 370CG01            | -              |
| 13 - 16           | 370CG02            | -              |
| 16 - 19           | 370CG03            | -              |
| 18 - 22           | 370CG04            | -              |
| 21 - 26           | 370CG05            | -              |
| 25 - 32           | 370CG06            | 370CE06        |
| 31 - 38           | 370CG07            | 370CE07        |
| 36 - 46           | 370CG08            | 370CE08        |
| 44 - 54           | 370CG09            | 370CE09        |

### 2 BOLT CLEAT (HIGH DENSITY POLYTHENE/LSOH)

**Notes apply to LSOH version only:**  
LUL Approved.  
Designed for use with Afumex®, LSOH and LSF cables



| Cable Diameter mm | Polythene Ref. No. | LSOH Ref. No. |
|-------------------|--------------------|---------------|
| 50 - 58           | 374AA01            | 374LSF01      |
| 56 - 64           | 374AA02            | 374LSF02      |
| 62 - 70           | 374AA03            | 374LSF03      |
| 68 - 76           | 374AA04            | 374LSF04      |
| 74 - 82           | 374AA05            | 374LSF05      |
| 80 - 88           | 374AA06            | 374LSF06      |
| 86 - 94           | 374AA07            | 374LSF07      |

## 2 BOLT CLEAT (ALUMINIUM/ALUMINIUM EPOXY COATED)



| Cable Diameter<br>mm | Aluminium<br>Ref. No. | Epoxy Ref.<br>No. |
|----------------------|-----------------------|-------------------|
| 51 - 57              | 370BA10               | 370BB10           |
| 57 - 64              | 370BA11               | 370BB11           |
| 64 - 70              | 370BA12               | 370BB12           |
| 70 - 76              | 370BA13               | 370BB13           |
| 76 - 83              | 370BA14               | 370BB14           |
| 83 - 89              | 370BA15               | 370BB15           |
| 89 - 95              | 370BA16               | 370BB16           |
| 95 - 101             | 370BA17               | 370BB17           |
| 101 - 108            | 370BA18               | 370BB18           |
| 108 - 114            | 370BA19               | 370BB19           |

## 2 BOLT CLEAT (CAST IRON/CAST IRON EPOXY COATED)

Cast Iron 2 bolt cleats are hot dip galvanized and are designed for use with FP400 and FP600 cables.



| Cable Diameter<br>mm | Cast Iron<br>Ref. No. | Epoxy Ref.<br>No. |
|----------------------|-----------------------|-------------------|
| 51 - 57              | 370CG10               | 370CE10           |
| 57 - 64              | 370CG11               | 370CE11           |
| 64 - 70              | 370CG12               | 370CE12           |
| 70 - 76              | 370CG13               | 370CE13           |
| 76 - 83              | 370CG14               | 370CE14           |

## MULTICLEAT PLUS MULTICLEAT PLUS RANGE

The Multicleat/Multistrap Plus system utilises a strap with rounded edges offering safe, fast installation to the user whilst maintaining excellent performance characteristics.

### MULTICLEAT PLUS - STANDARD & HEAVY DUTY (ALUMINIUM BASE)

Suitable for single or trefoil cable formations.

| Single Cable<br>Dimensions<br>(Min/Max)<br>mm | Standard<br>Ref. No. | Heavy<br>Duty<br>Ref. No. |
|-----------------------------------------------|----------------------|---------------------------|
| 85 - 110                                      | -                    | 378AB29                   |
| 105 - 120                                     | 378AB09              | 378AB59                   |



| Trefoil Cable<br>Dimensions<br>(Min/Max)<br>mm | Standard<br>Ref. No. | Heavy<br>Duty<br>Ref. No. |
|------------------------------------------------|----------------------|---------------------------|
| 24 - 34                                        | 378AB01              | 378AB51                   |
| 30 - 41                                        | 378AB02              | 378AB52                   |
| 37 - 47                                        | 378AB03              | 378AB53                   |
| 43 - 54                                        | 378AB04              | 378AB54                   |
| 50 - 60                                        | 378AB05              | 378AB55                   |
| 56 - 67                                        | 378AB06              | 378AB56                   |
| 63 - 73                                        | 378AB07              | 378AB57                   |
| 69 - 80                                        | 378AB08              | 378AB58                   |
| 72 - 85                                        | -                    | 378AB36                   |
| 82 - 95                                        | -                    | 378AB37                   |
| 92 - 105                                       | -                    | 378AB38                   |
| 102 - 115                                      | -                    | 378AB39                   |
| 112 - 125                                      | -                    | 378AB40                   |
| 122 - 135                                      | -                    | 378AB41                   |
| 132 - 145                                      | -                    | 378AB42                   |

### MULTICLEAT PLUS - STANDARD & HEAVY DUTY (ALUMINIUM BASE - EPOXY COATED)

Suitable for single or trefoil cable formations.

| Single Cable<br>Dimensions<br>(Min/Max)<br>mm | Standard<br>Ref. No. | Heavy<br>Duty<br>Ref. No. |
|-----------------------------------------------|----------------------|---------------------------|
| 85 - 110                                      | -                    | 378AD29                   |
| 105 - 120                                     | 378AD09              | 378AD59                   |



| Cable<br>Diameter<br>(Min/Max)<br>mm | Standard<br>Ref. No. | Heavy<br>Duty Ref.<br>No. |
|--------------------------------------|----------------------|---------------------------|
| 24 - 34                              | 378AD01              | 378AD51                   |
| 30 - 41                              | 378AD02              | 378AD52                   |
| 37 - 47                              | 378AD03              | 378AD53                   |
| 43 - 54                              | 378AD04              | 378AD54                   |
| 50 - 60                              | 378AD05              | 378AD55                   |
| 56 - 67                              | 378AD06              | 378AD56                   |
| 63 - 73                              | 378AD07              | 378AD57                   |
| 69 - 80                              | 378AD08              | 378AD58                   |
| 102 - 115                            | -                    | 378AD39                   |

## MULTICLEAT PLUS - STANDARD & HEAVY DUTY (STAINLESS STEEL BASE - SINGLE BOLT)

Suitable for single or trefoil cable formations.

| Single Cable Dimensions (Min/Max) mm | Standard Ref. No. | Heavy Duty Ref. No. |
|--------------------------------------|-------------------|---------------------|
| 105 - 120                            | 378PF09           | 378PF59             |



| Trefoil Cable Dimensions (Min/Max) mm | Standard Ref. No. | Heavy Duty Ref. No. |
|---------------------------------------|-------------------|---------------------|
| 24 - 34                               | 378PF01           | 378PF51             |
| 30 - 41                               | 378PF02           | 378PF52             |
| 37 - 47                               | 378PF03           | 378PF53             |
| 43 - 54                               | 378PF04           | 378PF54             |
| 50 - 60                               | 378PF05           | 378PF55             |
| 56 - 67                               | 378PF06           | 378PF56             |
| 63 - 73                               | 378PF07           | 378PF57             |
| 69 - 80                               | 378PF08           | 378PF58             |

## MULTISTRAP PLUS - STANDARD & HEAVY DUTY

For use as an intermediate support between multiclears.

| Trefoil Cable Dimensions (Min/Max) mm | Standard Ref. No. | Heavy Duty Ref. No. |
|---------------------------------------|-------------------|---------------------|
| 24 - 34                               | 377AB01           | 377AB51             |
| 30 - 41                               | 377AB02           | 377AB52             |
| 37 - 47                               | 377AB03           | 377AB53             |
| 43 - 54                               | 377AB04           | 377AB54             |
| 50 - 60                               | 377AB05           | 377AB55             |
| 56 - 67                               | 377AB06           | 377AB56             |
| 63 - 73                               | 377AB07           | 377AB57             |
| 69 - 80                               | 377AB08           | 377AB58             |
| 72 - 85                               |                   | 377AB36             |
| 82 - 95                               |                   | 377AB37             |
| 92 - 105                              |                   | 377AB38             |
| 102 - 115                             |                   | 377AB39             |
| 112 - 125                             |                   | 377AB40             |
| 122 - 135                             |                   | 377AB41             |
| 132 - 145                             |                   | 377AB42             |



## LSOH LINERS

| For Styles                           | Ref. No. |
|--------------------------------------|----------|
| 01-04 inc. / 51-54 inc.              | 377LSF01 |
| 05-09 inc. / 36-37 inc. / 55-59 inc. | 377LSF02 |



## TREFOIL SINGLE & TWO BOLT CLEATS (ALUMINIUM)



| Cable Diameter mm | Single Bolt Ref. No. | Two Bolt Ref. No. |
|-------------------|----------------------|-------------------|
| 24.0 - 25.0       | 376AC01              | 376AB01           |
| 25.0 - 27.0       | 376AC02              | 376AB02           |
| 27.0 - 28.0       | 376AC03              | 376AB03           |
| 28.0 - 30.0       | 376AC04              | 376AB04           |
| 30.0 - 32.0       | 376AC05              | 376AB05           |
| 32.0 - 34.0       | 376AC06              | 376AB06           |
| 34.0 - 35.0       | 376AC07              | 376AB07           |
| 35.0 - 36.0       | 376AC08              | 376AB08           |
| 36.0 - 38.0       | 376AC09              | 376AB09           |
| 38.0 - 40.0       | 376AC10              | 376AB10           |
| 40.0 - 41.0       | 376AC11              | 376AB11           |
| 41.0 - 43.0       | 376AC12              | 376AB12           |
| 43.0 - 44.0       | 376AC13              | 376AB13           |
| 44.0 - 46.0       | 376AC14              | 376AB14           |
| 46.0 - 48.0       | 376AC15              | 376AB15           |
| 48.0 - 49.0       | 376AC16              | 376AB16           |
| 49.0 - 51.0       | 376AC17              | 376AB17           |
| 51.0 - 53.0       | 376AC18              | 376AB18           |
| 53.0 - 54.0       | 376AC19              | 376AB19           |
| 54.0 - 55.5       | 376AC20              | 376AB20           |
| 55.5 - 57.0       | 376AC21              | 376AB21           |
| 57.0 - 59.0       | 376AC22              | 376AB22           |
| 59.0 - 60.0       | 376AC23              | 376AB23           |
| 60.0 - 62.0       | 376AC24              | 376AB24           |
| 62.0 - 63.5       | 376AC25              | 376AB25           |
| 63.5 - 65.0       | 376AC26              | 376AB26           |
| 65.0 - 66.5       | 376AC27              | 376AB27           |
| 66.5 - 68.0       | 376AC28              | 376AB28           |
| 73.0 - 74.5       | 376AC32              | 376AB32           |



## BICON CABLE CLEAT ACCESSORIES

### M10 STUDS (ZINC PLATED)

Including nut & washer.

| Size        | Ref. No. |
|-------------|----------|
| M10 x 145mm | 380AH27  |
| M10 x 155mm | 380AH29  |



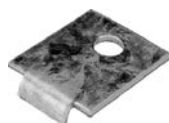
### CABLE TIES - BLACK & NATURAL (NYLON)



| Tie Dimensions mm | Black Ref. No. | Natural Ref. No. |
|-------------------|----------------|------------------|
| 96 x 2.5          | BB18S          | BN18S            |
| 150 x 3.6         | BB40S          | BN40S            |
| 203 x 3.2         | BB40L          | BN40L            |
| 280 x 4.8         | BB50S          | BN50A            |
| 190 x 4.8         | BB50A          | BN50S            |
| 368 x 4.8         | BB50L          | BN50L            |
| 380 x 7.6         | BB120S         | BN120S           |
| 550 x 7.6         | BB120L         | -                |

### ADAPTOR PLATE (MILD STEEL)

| Size             | Ref. No. |
|------------------|----------|
| M6 Galvanised    | 380AG01  |
| M10 Galvanised   | 380AG02  |
| M12 Galvanised   | 380AG03  |
| M10 Epoxy Coated | 380AG32  |



### PACKING PIECE (ALUMINIUM/ALUMINIUM EPOXY COATED)

| Size                     | Ref. No. |
|--------------------------|----------|
| Aluminium                | 389AC03  |
| Aluminium (Epoxy Coated) | 389AC04  |



## FP FIREFIX™

The fastest way to clip FP cables using gas nailing technology. System for use with Pulsa 700E gas nailing tool - Tool sold separately.

UFPNF01R/W kits contain:

500 FP Firefix™ clips, 500 nails and 1 fuel cell

UFPNF02R/W and UFPNF04R/W kits contain:

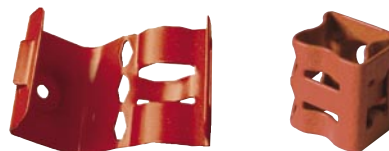
500 FP Firefix™ clips, 500 nails, 5 adaptors and 1 fuel cell

### Single Clip Selection

| Cable       | No. Cables | Size (mm <sup>2</sup> ) | Sheath Colour | FP FIREFIX™ Kit Ref. |
|-------------|------------|-------------------------|---------------|----------------------|
| FP200 Gold® | 1          | 2c x 1.5                | Red           | UFPNF01R             |
| FP200 Gold® | 1          | 2c x 1.5                | White         | UFPNF01W             |

### Double Clip Selection

|             |   |          |       |          |
|-------------|---|----------|-------|----------|
| FP200 Gold® | 2 | 2c x 1.5 | Red   | UFPNF02R |
| FP200 Gold® | 2 | 2c x 1.5 | White | UFPNF02W |
| FP200 Gold® | 2 | 3c x 1.0 | Red   | UFPNF02R |
| FP200 Gold® | 2 | 3c x 1.0 | White | UFPNF02W |
| FP200 Gold® | 2 | 3c x 1.5 | Red   | UFPNF04R |
| FP200 Gold® | 2 | 3c x 1.5 | White | UFPNF04W |
| FP200 Gold® | 2 | 4c x 1.0 | Red   | UFPNF04R |
| FP200 Gold® | 2 | 4c x 1.0 | White | UFPNF04W |
| FP Plus™    | 1 | 2c x 1.5 | Red   | UFPNF04R |
| FP Plus™    | 1 | 2c x 1.5 | White | UFPNF04W |





## Cable Connectors & Tooling

# Section

Prysmian Components offers a wealth of experience and expertise in the design and manufacture of power cable connectors and tooling. The range includes pre-insulated connectors plus low and medium voltage connectors for both copper and aluminium.

A range of tooling ensures precisely matched and accurate installations, which compliment the compression termination 'system'. The tooling range consists of:

- Cable preparation tools
- Stripping tools
- Cutting tools
- Hand non-ratchet crimping tools
- Hand ratchet crimping tools
- Hand Hydraulic compression tooling
- Remote Hydraulic compression tooling

The range of connectors has been designed, manufactured and tested to conform to the stringent performance requirements of BS4579. Thorough testing on our extensive technical laboratory at Prescott, ensures that you receive the best connector for your application every time.



## COMPRESSION CONNECTORS

### Easy Entry - Pre-insulated connectors 0.5 - 1.5mm<sup>2</sup> Red

The most comprehensive of small terminal ranges comprising of a variety of styles. The PVC terminal sleeve is tapered internally to allow ease of insertion of conductors and is rated at 80°C operating temperature. Disconnectable terminals such as 'bullets' and 'push-ons' incorporate an insulation grip in the entry portion on the connector to protect the cable against damage when making disconnections.

### COMPRESSION CONNECTORS - RINGS (RED)

| Cable Size mm <sup>2</sup> | Stud Size mm <sup>2</sup> | Ref. No. |
|----------------------------|---------------------------|----------|
| 0.5 - 1.5                  | 3.0                       | BER3PAK  |
| 0.5 - 1.5                  | 3.5                       | BER35PAK |
| 0.5 - 1.5                  | 4.0                       | BER4PAK  |
| 0.5 - 1.5                  | 5.0                       | BER5PAK  |
| 0.5 - 1.5                  | 6.0                       | BER6PAK  |
| 0.5 - 1.5                  | 8.0                       | BER8PAK  |
| 0.5 - 1.5                  | 10.0                      | BER10PAK |



### COMPRESSION CONNECTORS - FORKS (RED)

| Cable Size mm <sup>2</sup> | Stud Size mm <sup>2</sup> | Ref. No.   |
|----------------------------|---------------------------|------------|
| 0.5 - 1.5                  | 3.0                       | BER3FPAK   |
| 0.5 - 1.5                  | 3.5                       | BER35FPAK  |
| 0.5 - 1.5                  | 4.0                       | BER4FPAK   |
| 0.5 - 1.5                  | 4.0                       | BER4FSPAK  |
| 0.5 - 1.5                  | 5.0                       | BER5FPAK   |
| 0.5 - 1.5                  | 6.0                       | BER6FPAK   |
| 0.5 - 1.5                  | 3.5                       | BER35FGPAK |



### COMPRESSION CONNECTORS - PIN (RED)

| Cable Size mm <sup>2</sup> | Blade Length | Ref. No.  |
|----------------------------|--------------|-----------|
| 0.5 - 1.5                  | 12.0         | BER10PPAK |



### COMPRESSION CONNECTORS - BLADES (RED)

| Cable Size mm <sup>2</sup> | Blade Length | Ref. No.   |
|----------------------------|--------------|------------|
| 0.5 - 1.5                  | 9.0          | BER10BPAK  |
| 0.5 - 1.5                  | 14.6         | BER13BPAK  |
| 0.5 - 1.5                  | 16.0         | BER13BNPAK |
| 0.5 - 1.5                  | 18.5         | BER17BPAK  |



### COMPRESSION CONNECTORS - HOOKS (RED)

| Cable Size mm <sup>2</sup> | Blade Length | Ref. No.  |
|----------------------------|--------------|-----------|
| 0.5 - 1.5                  | 17.0         | BER17HPAK |



### COMPRESSION CONNECTORS - BUTT SPLICES (RED)

| Cable Size mm <sup>2</sup> | Ref. No. |
|----------------------------|----------|
| 0.5 - 1.5                  | BERSPAK  |



### COMPRESSION CONNECTORS - PUSH-ONS (RED)

| Cable Size mm <sup>2</sup> | For Tab Size | Ref. No.   |
|----------------------------|--------------|------------|
| 0.75 - 1.5                 | 2.8 x 0.5    | BDR285FPAK |
| 0.75 - 1.5                 | 2.8 x 0.8    | BDR288FPAK |
| 0.75 - 1.5                 | 4.8 x 0.5    | BDR485FPAK |
| 0.75 - 1.5                 | 4.8 x 0.8    | BDR488FPAK |
| 0.75 - 1.5                 | 6.3 x 0.8    | BDR63FPAK  |
| 0.75 - 1.5                 | 6.3 x 0.8    | BDR63FEPAK |
| 0.75 - 1.5                 | 6.3 x 0.8    | BDR63MPAK  |
| 0.75 - 1.5                 | 6.3 x 0.8    | BDR63FMPAK |



### COMPRESSION CONNECTORS - MALE BULLET (RED)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No.  |
|----------------------------|----------------|-----------|
| 0.75 - 1.5                 | 4.0            | BDR4BMPAK |



### COMPRESSION CONNECTORS - FEMALE BULLET (RED)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No. |
|----------------------------|----------------|----------|
| 0.75 - 1.5                 | 4.0            | BDR4BFPK |



Note: Suffix 'PAK' denotes bags of 100.

## COMPRESSION CONNECTORS

Easy Entry - Pre-insulated connectors 1.0 - 2.5mm<sup>2</sup> Blue

### COMPRESSION CONNECTORS - RINGS (BLUE)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No. |
|----------------------------|----------------|----------|
| 1.0 - 2.5                  | 3.0            | BEB3PAK  |
| 1.0 - 2.5                  | 3.5            | BEB35PAK |
| 1.0 - 2.5                  | 4.0            | BEB4PAK  |
| 1.0 - 2.5                  | 5.0            | BEB5PAK  |
| 1.0 - 2.5                  | 6.0            | BEB6PAK  |
| 1.0 - 2.5                  | 8.0            | BEB8PAK  |
| 1.0 - 2.5                  | 10.0           | BEB10PAK |
| 1.0 - 2.5                  | 12.0           | BEB12PAK |



### COMPRESSION CONNECTORS - FORK (BLUE)

| Bullet Size mm <sup>2</sup> | Ref. No.   |
|-----------------------------|------------|
| 3.0                         | BEB3FPAK   |
| 3.5                         | BEB35FPAK  |
| 4.0                         | BEB4FPAK   |
| 4.0                         | BEB4FNPAK  |
| 4.0                         | BEB4FSPA   |
| 5.0                         | BEB5FPAK   |
| 3.5                         | BEB35FGPAK |
| 3.0                         | BEB3FFPAK  |
| 4.0                         | BEB4FFPAK  |



### COMPRESSION CONNECTORS - PIN (BLUE)

| Cable Size mm <sup>2</sup> | Blade Length mm | Ref. No.  |
|----------------------------|-----------------|-----------|
| 1.0 - 2.5                  | 12.0            | BEB10PPAK |



### COMPRESSION CONNECTORS - BLADES (BLUE)

| Cable Diameter mm | Blade Length mm | Ref. No.   |
|-------------------|-----------------|------------|
| 1.0 - 2.5         | 9.0             | BEB10BPAK  |
| 1.0 - 2.5         | 10.5            | BEB10BNPAK |
| 1.0 - 2.5         | 13.0            | BEB13BPAK  |
| 1.0 - 2.5         | 18.5            | BEB17BPAK  |



### COMPRESSION CONNECTORS - HOOKS (BLUE)

| Cable Size mm <sup>2</sup> | Blade Length mm <sup>2</sup> | Ref. No.  |
|----------------------------|------------------------------|-----------|
| 1.0 - 2.5                  | 17.0                         | BEB17HPAK |



### COMPRESSION CONNECTORS - BUTT SPLICES (BLUE)

| Cable Size mm <sup>2</sup> | Ref. No. |
|----------------------------|----------|
| 1.0 - 2.5                  | BEBSPA   |



### COMPRESSION CONNECTORS - PUSH-ONS (BLUE)

| Cable Size mm <sup>2</sup> | For Tab Size | Ref. No.   |
|----------------------------|--------------|------------|
| 1.5 - 2.5                  | 4.8 x 0.5    | BDB485FPAK |
| 1.5 - 2.5                  | 4.8 x 0.8    | BDB488FPAK |
| 1.5 - 2.5                  | 6.3 x 0.8    | BDB63FPAK  |
| 1.5 - 2.5                  | 6.3 x 0.8    | BDB63FEPAK |
| 1.5 - 2.5                  | 8.5 x 0.8    | BDB85FPAK  |
| 1.5 - 2.5                  | 6.3 x 0.8    | BDB63MPAK  |
| 1.5 - 2.5                  | 6.3 x 0.8    | BDB63FMPAK |



### COMPRESSION CONNECTORS - MALE BULLET (BLUE)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No.  |
|----------------------------|----------------|-----------|
| 1.5 - 2.5                  | 4.0            | BDB4BMPAK |
| 1.5 - 2.5                  | 5.0            | BDB5BMPAK |



### COMPRESSION CONNECTORS - FEMALE BULLET (BLUE)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No.  |
|----------------------------|----------------|-----------|
| 1.5 - 2.5                  | 4.0            | BDB4BFPAK |
| 1.5 - 2.5                  | 5.0            | BDB5BFPAK |



Note: Suffix 'PAK' denotes bags of 100.

## BDI CON COMPRESSION CONNECTORS

Easy Entry - Pre-insulated connectors 4.0 - 6.0mm<sup>2</sup> Yellow

### COMPRESSION CONNECTORS - RINGS (YELLOW)

| Cable Size mm <sup>2</sup> | Stud Size mm | Ref. No. |
|----------------------------|--------------|----------|
| 4.0 - 6.0                  | 3.0          | BEY3PAK  |
| 4.0 - 6.0                  | 4.0          | BEY4PAK  |
| 4.0 - 6.0                  | 5.0          | BEY5PAK  |
| 4.0 - 6.0                  | 6.0          | BEY6PAK  |
| 4.0 - 6.0                  | 8.0          | BEY8PAK  |
| 4.0 - 6.0                  | 10.0         | BEY10PAK |
| 4.0 - 6.0                  | 12.0         | BEY12PAK |



### COMPRESSION CONNECTORS - FORK (YELLOW)

| Cable Size mm <sup>2</sup> | Bullet Size mm | Ref. No. |
|----------------------------|----------------|----------|
| 4.0 - 6.0                  | 4.0            | BEY4FPAK |
| 4.0 - 6.0                  | 5.0            | BEY5FPAK |
| 4.0 - 6.0                  | 6.0            | BEY6FPAK |



### COMPRESSION CONNECTORS - PIN (YELLOW)

| Cable Size mm <sup>2</sup> | Blade Length mm | Ref. No.  |
|----------------------------|-----------------|-----------|
| 4.0 - 6.0                  | 14.0            | BEY10PPAK |



### COMPRESSION CONNECTORS - BLADES (YELLOW)

| Cable Size mm <sup>2</sup> | Blade Length mm | Ref. No.  |
|----------------------------|-----------------|-----------|
| 4.0 - 6.0                  | 10.0            | BEY10BPAK |



### COMPRESSION CONNECTORS - BUTT SPLICES (YELLOW)

| Cable Size mm <sup>2</sup> | Ref. No. |
|----------------------------|----------|
| 4.0 - 6.0                  | BEYSPAK  |



### COMPRESSION CONNECTORS - PUSH - ONS (YELLOW)

| Cable Size mm <sup>2</sup> | For Tab Size | Ref. No.   |
|----------------------------|--------------|------------|
| 4.0 - 6.0                  | 6.3 x 0.8    | BDY63FPAK  |
| 4.0 - 6.0                  | 6.3 x 0.8    | BDY63FEPAK |
| 4.0 - 6.0                  | 9.5 x 1.2    | BDY95FPAK  |



### COMPRESSION CONNECTORS - END CONNECTOR

| Cable Size mm <sup>2</sup> | Stud Size mm <sup>2</sup> | Ref. No. |
|----------------------------|---------------------------|----------|
| 1.5 - 2.5                  | 3.0                       | BEYCEPAK |



Note: Suffix 'PAK' denotes bags of 100.

## BT CON TUBE TERMINALS FOR COPPER CONDUCTORS 1 - 1000mm<sup>2</sup>

A range of terminals for both stranded or flexible annealed copper conductors. Manufactured from high conductivity copper and tin plated, these terminals incorporate a sight hole for visual inspection of conductor insertion. A variety of single stud hole sizes are available and can be compressed with either an indent or hexagonal compression system. (Please refer to technical catalogue for die set recommendations)

### TUBE TERMINALS FOR COPPER CONDUCTORS

| Stranded Cu cable size mm <sup>2</sup> | Stud Size mm | Ref. No. |
|----------------------------------------|--------------|----------|
| 0.75 - 1.5                             | 3.5          | BT1C35   |
| 0.75 - 1.5                             | 4.0          | BT1C4    |
| 0.75 - 1.5                             | 5.0          | BT1C5    |
| 1.5 - 2.5                              | 3.5          | BT2C35   |
| 1.5 - 2.5                              | 4.0          | BT2C4    |
| 1.5 - 2.5                              | 5.0          | BT2C5    |
| 1.5 - 2.5                              | 6.0          | BT2C6    |
| 1.5 - 2.5                              | 8.0          | BT2C8    |
| 4.0 - 6.0                              | 3.5/4        | BT6C354  |
| 4.0 - 6.0                              | 5.0          | BT6C5    |
| 4.0 - 6.0                              | 6.0          | BT6C6    |
| 4.0 - 6.0                              | 8.0          | BT6C8    |
| 4.0 - 6.0                              | 10.0         | BT6C10   |
| 10                                     | 5.0          | BT10C5   |
| 10                                     | 6.0          | BT10C6   |
| 10                                     | 8.0          | BT10C8   |
| 10                                     | 10.0         | BT10C10  |
| 10                                     | 12.0         | BT10C12  |
| 16                                     | 5.0          | BT16C5   |
| 16                                     | 6.0          | BT16C6   |
| 16                                     | 8.0          | BT16C8   |
| 16                                     | 10.0         | BT16C10  |
| 16                                     | 12.0         | BT16C12  |
| 25                                     | 5.0          | BT25C5   |
| 25                                     | 6.0          | BT25C6   |
| 25                                     | 8.0          | BT25C8   |
| 25                                     | 10.0         | BT25C10  |
| 25                                     | 12.0         | BT25C12  |
| 35                                     | 6.0          | BT35C6   |
| 35                                     | 8.0          | BT35C8   |
| 35                                     | 10.0         | BT35C10  |
| 35                                     | 12.0         | BT35C12  |
| 50                                     | 6.0          | BT50C6   |
| 50                                     | 8.0          | BT50C8   |
| 50                                     | 10.0         | BT50C10  |
| 50                                     | 12.0         | BT50C12  |



| Stranded Cu cable size mm <sup>2</sup> | Stud Size mm | Ref. No. |
|----------------------------------------|--------------|----------|
| 70                                     | 6.0          | BT70C6   |
| 70                                     | 8.0          | BT70C8   |
| 70                                     | 10.0         | BT70C10  |
| 70                                     | 12.5         | BT70C12  |
| 70                                     | 16.0         | BT70C16  |
| 95                                     | 8.0          | BT95C8   |
| 95                                     | 10.0         | BT95C10  |
| 95                                     | 12.0         | BT95C12  |
| 120                                    | 10.0         | BT120C10 |
| 120                                    | 12.0         | BT120C12 |
| 120                                    | 16.0         | BT120C16 |
| 150                                    | 10.0         | BT150C10 |
| 150                                    | 12.0         | BT150C12 |
| 150                                    | 16.0         | BT150C16 |
| 150                                    | -            | BT150CU  |
| 185                                    | 10.0         | BT185C10 |
| 185                                    | 12.0         | BT185C12 |
| 185                                    | 6.0          | BT185C16 |
| 185                                    | 20.0         | BT185C20 |
| 185                                    | -            | BT185CU  |
| 240                                    | 10.0         | BT240C10 |
| 240                                    | 12.0         | BT240C12 |
| 240                                    | 16.0         | BT240C16 |
| 240                                    | 20.0         | BT240C20 |
| 240                                    | -            | BT240CU  |
| 300                                    | 12.0         | BT300C12 |
| 300                                    | 16.0         | BT300C16 |
| 300                                    | 20.0         | BT300C20 |
| 300                                    | -            | BT300CU  |
| 400                                    | 16.0         | BT400C16 |
| 400                                    | 20.0         | BT400C20 |
| 400                                    | -            | BT400CU  |
| 500                                    | 16.0         | BT500C16 |
| 500                                    | -            | BT500CU  |
| 630                                    | 16.0         | BT630C16 |
| 630                                    | 20.0         | BT630C20 |
| 630                                    | -            | BT630CU  |
| 800                                    | 20.0         | BT800C20 |
| 800                                    | -            | BT800CU  |



## BT CON SPLICE CONNECTORS FOR COPPER CONDUCTORS 1 - 1000mm<sup>2</sup>

### SPLICE CONNECTORS

High conductivity copper, tin plated, end-to-end splices incorporate a conductor stop to ensure that the cores are equally inserted. Sizes up to 6mm are supplied in bags of 100 and have suffix 'PAK'.

| Stranded Cu cable size mm <sup>2</sup> | Ref. No. |
|----------------------------------------|----------|
| 1.5                                    | BT1CSPAK |
| 2.5                                    | BT2CSPAK |
| 6                                      | BT6CSPAK |
| 10                                     | BT10CS   |
| 16                                     | BT16CS   |
| 25                                     | BT25CS   |
| 35                                     | BT35CS   |
| 50                                     | BT50CS   |
| 70                                     | BT70CS   |
| 95                                     | BT95CS   |
| 120                                    | BT120CS  |
| 150                                    | BT150CS  |
| 185                                    | BT185CS  |
| 240                                    | BT240CS  |
| 300                                    | BT300CS  |
| 400                                    | BT400CS  |
| 500                                    | BT500CS  |
| 630                                    | BT630CS  |
| 800                                    | BT800CS  |



## BT CON 2 AND 4 BOLT TERMINALS FOR COPPER CONDUCTORS

### 2 BOLT TERMINALS

These terminals feature an extended palm to accommodate two bolt holes. They are also offered with blank palms for drilling on site (type 'CU').

| Stranded Cu cable size mm | Stud Size mm | Hole Centres mm | Ref. No.   |
|---------------------------|--------------|-----------------|------------|
| 95                        | 2 x 8        | 20.6            | BT95C8B2   |
| 120                       | 2 x 8        | 25.4            | BT120C8B2  |
| 150                       | 2 x 12       | 38.1 - 44.5     | BT150C12B2 |
| 185                       | 2 x 12       | 38.1 - 44.5     | BT185C12B2 |
| 240                       | 2 x 12       | 38.1 - 44.5     | BT240C12B2 |
| 240                       | 2 x blank    |                 | BT240CUB2  |
| 300                       | 2 x 12       | 38.1 - 44.5     | BT300C12B2 |
| 800                       | 2 x 12       | 38.1 - 44.5     | BT800C12B2 |



### 4 BOLT TERMINALS

These terminals are manufactured from seamless copper tube and will withstand the most arduous service conditions. Manufactured from high conductivity copper and tin plated, they are designed to fit the most common transformer arrangements.



| Stranded Cu cable size mm | Stud Size mm | Hole Centres mm | Ref. No.   |
|---------------------------|--------------|-----------------|------------|
| 300                       | 8            | 25 x 35         | BT300C8B4  |
| 400                       | 8            | 25 x 35         | BT400C8B4  |
| 500                       | 8            | 25 x 35         | BT500C8B4  |
| 630                       | 8            | 25 x 35         | BT630C8B4  |
| 800                       | 8            | 25 x 35         | BT800C8B4  |
| 1000                      | 8            | 25 x 35         | BT1000C8B4 |

## BT CON CEETAP CONNECTORS

### CEETAP CONNECTORS (6 - 240mm)

CEETAP connectors offer a versatile means of tapping onto annealed stranded or flexible copper conductors including copper busbar and earthing systems. The CEETAP is manufactured from heavy wall copper extrusion and provides excellent continuity and reliability.



| Main Conductor mm <sup>2</sup> | Tap Conductor mm <sup>2</sup> | Ref. No. |
|--------------------------------|-------------------------------|----------|
| 6                              | 6                             | TC2C     |
| 10                             | 2.5 to 6                      |          |
| 10                             | 10                            | TC3C     |
| 16                             | 2.5 to 10                     |          |
| 16                             | 16                            | TC4C     |
| 25                             | 4 to 10                       |          |
| 25                             | 16                            | TC5C     |
| 35                             | 4                             |          |
| 25                             | 25                            | TC6C     |
| 35                             | 6 to 25                       |          |
| 35                             | 35                            | TC7C     |
| 50                             | 16 to 25                      | TC8C     |
| 50                             | 35 to 50                      | TC9C     |
| 70                             | 16                            |          |
| 70 to 95                       | 16 to 35                      | TC10C    |
| 70 to 95                       | 50 to 70                      | TC11C    |
| 95                             | 95                            | TC12C    |
| 120                            | 35 to 70                      | TC13C    |
| 120                            | 95 to 120                     | TC14C    |
| 150                            | 35 to 150                     |          |
| 185 to 240                     | 50 to 95                      | TC16C    |
| 185 to 240                     | 120 to 240                    | TC17C    |



### MV STRAIGHT SPLICES

These splices are designed to meet the requirements of MV underground joint specifiers worldwide. The through barrel incorporates tapered ends and a central sight hole.

| Stranded Copper Cable Size mm <sup>2</sup> | Ref. No. |
|--------------------------------------------|----------|
| 25                                         | BTH25CS  |
| 35                                         | BTH35CS  |
| 50                                         | BTH50CS  |
| 70                                         | BTH70CS  |
| 95                                         | BTH95CS  |
| 120                                        | BTH120CS |
| 150                                        | BTH150CS |
| 185                                        | BTH185CS |
| 240                                        | BTH240CS |
| 300                                        | BTH300CS |
| 400                                        | BTH400CS |
| 500                                        | BTH500CS |
| 630                                        | BTH630CS |



### MV STRAIGHT SPLICES - WATER BLOCKED

These splices incorporate a solid central waterblock to provide a moisture seal when jointing MIND paper insulated to polymeric cables.

| Stranded Copper Cable Size mm <sup>2</sup> | Ref. No.  |
|--------------------------------------------|-----------|
| 50                                         | BTHW50CS  |
| 70                                         | BTHW70CS  |
| 95                                         | BTHW95CS  |
| 120                                        | BTHW120CS |
| 150                                        | BTHW150CS |
| 185                                        | BTHW185CS |
| 240                                        | BTHW240CS |
| 300                                        | BTHW300CS |
| 400                                        | BTHW400CS |
| 500                                        | BTHW500CS |
| 630                                        | BTHW630CS |



### MV REDUCER SPLICES - WATER BLOCKED

These MV splices allow copper conductors of differing cross sectional areas to be joined in a neat waterblocked design.

| Stranded Copper Cable Size mm <sup>2</sup> | Ref. No.     |
|--------------------------------------------|--------------|
| 120/95                                     | BTHW12095CS  |
| 185/95                                     | BTHW18595CS  |
| 185/120                                    | BTHW185120CS |
| 185/150                                    | BTHW185150CS |
| 240/150                                    | BTHW240150CS |
| 240/185                                    | BTHW240185CS |
| 300/185                                    | BTHW300185CS |
| 300/240                                    | BTHW300240CS |
| 400/240                                    | BTHW400240CS |
| 400/300                                    | BTHW400300CS |
| 500/240                                    | BTHW500240CS |
| 500/300                                    | BTHW500300CS |
| 500/400                                    | BTHW500400CS |
| 630/400                                    | BTHW630400CS |



### MV WATERBLOCKED TERMINALS - SINGLE HOLE

These MV connectors are manufactured from thick wall copper tube and contain a waterblock seal, made from polyurethane resin at the base of the compression barrel. Knurl markings on the barrel indicate positions for crimping. The extended barrel and smooth compressions are particularly suitable for the application of the protective sleeving.

| Stranded Copper Cable Size mm <sup>2</sup> | Stud Size mm | Ref. No.   |
|--------------------------------------------|--------------|------------|
| 16                                         | 10           | BTHW16C10  |
| 25                                         | 10           | BTHW25C10  |
| 25                                         | 12           | BTHW25C12  |
| 35                                         | 10           | BTHW35C10  |
| 35                                         | 12           | BTHW35C12  |
| 50                                         | 10           | BTHW50C10  |
| 50                                         | 12           | BTHW50C12  |
| 70                                         | 10           | BTHW70C10  |
| 70                                         | 12           | BTHW70C12  |
| 95                                         | 10           | BTHW95C10  |
| 95                                         | 12           | BTHW95C12  |
| 95                                         | 16           | BTHW95C16  |
| 120                                        | 12           | BTHW120C12 |
| 120                                        | 16           | BTHW120C16 |
| 150                                        | 12           | BTHW150C12 |
| 150                                        | 16           | BTHW150C16 |
| 185                                        | 12           | BTHW185C12 |
| 185                                        | 16           | BTHW185C16 |
| 240                                        | 12           | BTHW240C12 |
| 240                                        | 16           | BTHW240C16 |
| 240                                        | 20           | BTHW240C20 |
| 300                                        | 12           | BTHW300C12 |
| 300                                        | 16           | BTHW300C16 |
| 300                                        | 20           | BTHW300C20 |
| 400                                        | 12           | BTHW400C12 |
| 400                                        | 16           | BTHW400C16 |
| 400                                        | 20           | BTHW400C20 |
| 500                                        | 12           | BTHW500C12 |
| 500                                        | 16           | BTHW500C16 |
| 500                                        | 20           | BTHW500C20 |
| 630                                        | 16           | BTHW630C16 |
| 630                                        | 20           | BTHW630C20 |



## MV WATERBLOCKED TERMINALS - DOUBLE HOLE

Features of these connectors are as the single hole but incorporate an extended palm to accommodate two bolt fixings.



| Stranded Cu cable size mm <sup>2</sup> | Stud Size mm | Hole Centres mm | Ref. No.    |
|----------------------------------------|--------------|-----------------|-------------|
| 70                                     | 12x2         | 38 - 44.5       | BTHW70C12D  |
| 95                                     | 12x2         | 38 - 44.5       | BTHW95C12D  |
| 120                                    | 12x2         | 38 - 44.5       | BTHW120C12D |
| 150                                    | 12x2         | 38 - 44.5       | BTHW150C12D |
| 185                                    | 12x2         | 38 - 44.5       | BTHW185C12D |
| 240                                    | 12x2         | 38 - 44.5       | BTHW240C12D |
| 300                                    | 16x2         | 38              | BTHW300C16D |
| 400                                    | 16x2         | 38              | BTHW400C16D |
| 500                                    | 16x2         | 38              | BTHW500C16D |
| 630                                    | 16x2         | 38              | BTW630C16B2 |

## BI CON ALUMINIUM CONNECTORS FOR LV APPLICATIONS

### CONNECTORS FOR SINGLE CORE CIRCULAR SAC CABLELUG (SINGLE HOLE PALM LUG)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.    |
|--------------------------------|--------------|-------------|
| 35                             | 10           | BAS35A-10   |
| 35                             | 12           | BAS35A-12   |
| 95, 120                        | 12           | BAS95A-12   |
| 150                            | 12           | BAS150A1-12 |
| 185                            | 16           | BAS185A-16  |
| 300                            | 16           | BAS300A-16  |

### CONNECTORS FOR TWO CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.  |
|--------------------------------|--------------|-----------|
| 16                             | 8            | BA16A2-8  |
| 25                             | 8            | BA25A2-8  |
| 25                             | 10           | BA25A2-10 |
| 35                             | 8            | BA35A2-8  |
| 35                             | 10           | BA35A2-10 |
| 50                             | 8            | BA50A2-8  |
| 50                             | 10           | BA50A2-10 |
| 70                             | 8            | BA70A2-8  |
| 70                             | 10           | BA70A2-10 |
| 95                             | 10           | BA95A2-10 |



## CONNECTORS FOR THREE CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.   |
|--------------------------------|--------------|------------|
| 70                             | 12           | BA70A3-12B |
| 95                             | 10           | BA95A3-10  |
| 150                            | 12           | BA150A3-12 |



## CONNECTORS FOR FOUR CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.   |
|--------------------------------|--------------|------------|
| 70                             | 10           | BA70A4-10  |
| 150                            | 12           | BA150A4-12 |
| 185                            | 12           | BA185A4-12 |
| 240                            | 16           | BA240A4-16 |
| 300                            | 12           | BA300A4-12 |
| 300                            | 16           | BA300A4-16 |

## CONNECTORS FOR STRANDED ALUMINIUM HEXAGONAL COMPRESSION (LV & MV) CABLELUG (SINGLE HOLE PALM)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.   |
|--------------------------------|--------------|------------|
| 150                            | 12           | BAS150A-12 |
| 150                            | 16           | BAS150A-16 |
| 500                            | 16           | BAS500A-16 |

## CONNECTORS FOR STRANDED ALUMINIUM DEEP INDENT COMPRESSION (LV & MV) CABLELUG (SINGLE HOLE PALM)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.   |
|--------------------------------|--------------|------------|
| 120                            | 12           | BAP120A-12 |
| 150                            | 16           | BAP150A-16 |
| 185                            | 16           | BAP185A-16 |
| 240                            | 12           | BAP240A-12 |

## CONNECTORS FOR STRANDED ALUMINIUM DEEP INDENT COMPRESSION (LV & MV) CABLELUG (TWO HOLE PALM)

| Conductor Size mm <sup>2</sup> | Stud Size mm | Ref. No.    |
|--------------------------------|--------------|-------------|
| 185                            | 12           | BAP185A12BM |
| 240                            | 12           | BAP240A12BM |

## INSTALLATION TOOLING AND ACCESSORIES - HANDTOOLS (NON RATCHET)

With all compression systems, the safety and quality of a connection is dependent on the use of the correct installation tooling. Optimum performance and maximum reliability can only be achieved consistently if the connector is installed by tooling recommended by Prysmian Components. There are a wide range of tools to choose from, all designed to produce compression joints which meet tensile, resistance and heat cycle requirements.

### BM120U HANDTOOL

Non-ratchet single stroke tool which incorporates a single adjustable indent die. The tool has a built in setting plate.

| Capacity<br>mm <sup>2</sup> | Description | Ref. No. |
|-----------------------------|-------------|----------|
| 10 - 120                    | Uninsulated | BM120U   |



### BMR6GP3 HANDTOOL

General purpose low cost ratchet handtool with three colour coded crimp positions. For use with pre-insulated connectors.

| Capacity<br>mm <sup>2</sup> | Description   | Ref. No. |
|-----------------------------|---------------|----------|
| 0.5 - 6.0                   | Pre-insulated | BMR6GP3  |



### BMR6P3 HANDTOOL

'Comfort handles' ratchet type handtool for frequent use. Low hand load required for operation reduces risk of repetitive strain injury. Compression jaws consist of three colour coded crimp positions for use with pre-insulated connectors.

| Capacity<br>mm <sup>2</sup> | Description   | Ref. No. |
|-----------------------------|---------------|----------|
| 0.5 - 6.0                   | Pre-insulated | BMR6P3   |



### BMR16U3 HANDTOOL

Ratchet type handtool with three crimp positions for use with uninsulated connectors.

| Capacity<br>mm <sup>2</sup> | Description | Ref. No. |
|-----------------------------|-------------|----------|
| 4.0 - 16.0                  | Uninsulated | BMR16U3  |



### G10TS HYDRAULIC HANDTOOL (Range 10 - 400mm<sup>2</sup>)

This two-stage hydraulic tool delivers a compressive force of 11.5 tonnes with a quick ram advance. It incorporates a preset audible overload valve to ensure crimp reliability and will accept a wide range of interchangeable die sets. The body and handles of the tool are fully insulated and is supplied complete with vinyl carrying bag and steel die box.

| Description          | Ref. No. |
|----------------------|----------|
| Handtool (two stage) | G10TS    |



### FP10 HYDRAULIC FOOTPUMP

This two-stage footpump can be used to operate any of the Prysmian Components' heads with an operating pressure of 700 Bar (10,000psi). The two stage design enables the dies to close quickly onto the connector before the high pressure crimping stage automatically commences. An audible overload valve operates at the end of the crimping cycle when the correct pressure has been reached. The FP10 can be supplied on its own or in various kit forms as follows:



| Description                      | Ref. No. |
|----------------------------------|----------|
| Footpump, Case                   | FP10     |
| Footpump, Hose & Case            | FP10-2   |
| Footpump, Hose & Case & G10 Head | FP10-4   |

### G10 COMPRESSION HEAD (Range 10 - 400mm<sup>2</sup>)

The 'G' shaped design of this compression head enables it to hook easily over the conductor. It delivers a compressive force of 11.5 tonnes and accepts a wide range of interchangeable dies for use with copper or aluminium connectors.

| Description      | Ref. No. |
|------------------|----------|
| Compression Head | G10H     |



### G14H COMPRESSION HEAD (Range 10 - 630mm<sup>2</sup>)

This 'G' shaped compression head delivers a compressive force of 14 tonnes and can crimp copper connectors up to 630mm<sup>2</sup> and aluminium connectors up to 400mm<sup>2</sup>. The full range of G10 type dies can be employed when used with a PUADP adaptor.

| Description      | Ref. No. |
|------------------|----------|
| Compression Head | G14H     |



### E18HB COMPRESSION HEAD (Range 10 - 630mm<sup>2</sup>)

This latch head tool delivers a compressive force of approximately 18 tonnes and is ideal for crimping highly compacted copper conductors. The tool is supplied with 3 die sets : 630mm<sup>2</sup>, 500mm<sup>2</sup> & an adaptor die to carry 'U' dies ranging from 10mm<sup>2</sup> to 400mm<sup>2</sup>.

| Description      | Ref. No. |
|------------------|----------|
| Compression Head | E18HB    |



## E22H COMPRESSION HEAD (Range 150 - 1000mm<sup>2</sup>)

The latch top of this compression head can be pivoted open by removing one of the retention pins to allow positioning around the conductor. The tool delivers a compressive force of 22 tonnes and will install copper connectors up to 1000mm<sup>2</sup> and aluminium connectors up to 960mm<sup>2</sup>.

| Description      | Ref. No. |
|------------------|----------|
| Compression Head | E22H     |



## BATTERY HYDRAULIC TOOLS AND ACCESSORIES

### E10-2000 (RANGE 10 - 400mm<sup>2</sup>)

Self contained handtool which operates from a built in rechargeable 12kV battery to deliver 10 tonnes of compression with a preset audible blow-off valve. The tool accepts industry standard 'U' dies. The jaws of the tool auto-retract when 10 tonnes of force has been achieved. Supplied with battery, mains charger and durable carrying case.

| Description    | Ref. No. |
|----------------|----------|
| Hydraulic Tool | E10-2000 |



**Products In This Section  
Are No Longer Available**

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### 240VC2000

A 240 volt mains charger for the BAT2000 battery.

| Description  | Ref. No.  |
|--------------|-----------|
| 240V Charger | 240VC2000 |



## CABLE CUTTING AND STRIPPING TOOLS

### CABLE CUTTING & STRIPPING TOOL

A hand operated tool capable of cutting aluminium and copper conductors not exceeding 35mm or 8mm diameter

| Description              | Ref. No. |
|--------------------------|----------|
| Up to 35mm (non ratchet) | BMC35    |



## BMR80C HAND RATCHET CUTTER

A hand operated ratchet cutting tool designed to cut through aluminium and copper cables up to 80mm diameter. The unique blade design allows cables with tough steel wire armour to be cut. A ratchet tooth cleaning comb is integrated into the end of one handle for maintenance.

| Description    | Ref. No. |
|----------------|----------|
| Ratchet Cutter | BMR80C   |



### E10C CUTTER HEAD

| Description            | Ref. No. |
|------------------------|----------|
| Hydraulic Cutting Head | E10C     |
| Spare Blade            | E10CSB   |



## STRIPPING TOOLS AND SPARE BLADES

### STRIPPING TOOLS AND SPARE BLADES

| Diameter      | Description                    | Ref. No. |
|---------------|--------------------------------|----------|
| Up to 8mm     | Cable Cutting & Stripping Tool | UNI8     |
| 25mm or above | Cable Stripping Tool           | UNI25+   |
| 4.5mm to 29mm | Cable Stripping Tool           | UNI29    |
| 19mm to 40mm  | Cable Stripping Tool           | UNI40    |
|               | Spare Blade for UNI29 & UNI40  | UNIB1    |
|               | Spare Blade for UNI25+         | UNIB2    |



### OUTER SHEATH / INSULATION STRIPPING TOOL

| Description        | Ref. No.     |
|--------------------|--------------|
| 20 - 40mm Diameter | 8YRO-MF2/40E |
| 20 - 58mm Diameter | 8YRO-MF2/60E |



### OUTER SHEATH / INSULATION / STRIPABLE SCREEN REMOVAL STRIPPING TOOL

| Description        | Ref. No.     |
|--------------------|--------------|
| 16 - 40mm Diameter | 8YRO-MF3/40E |
| 16 - 58mm Diameter | 8YRO-MF3/60E |



### OUTER SHEATH / INSULATION / BONDED SCREEN STRIPPING TOOL

| Description        | Ref. No.      |
|--------------------|---------------|
| 20 - 40mm Diameter | 8YRO-MF3NP/40 |
| 20 - 58mm Diameter | 8YRO-MF3NP/60 |

### SHEATH STRIPPING PLIERS

Removes plastic, rubber, thin foil and soft metal sheaths.

| Description        | Ref. No.  |
|--------------------|-----------|
| Suitable for FP200 | 8YRO-PGOF |
| 5 - 17mm Dia       | 8YRO-PG0  |
| 8 - 21mm Dia       | 8YRO-PG1  |
| 21 - 35mm Dia      | 8YRO-PG2  |
| 26 - 52mm Dia      | 8YRO-PG3  |
| 45 - 75mm Dia      | 8YRO-PG4  |
| 65 - 95mm Dia      | 8YRO-PG5  |
| 80 - 125mm Dia     | 8YRO-PG6  |



### ADJUSTABLE INSULATION STRIPPING TOOLS

Cuts plastic and elastomeric insulation from high and medium voltage single core cables and low voltage three-core cables.

| Description                     | Ref. No.    |
|---------------------------------|-------------|
| 14 - 40mm Dia                   | 8YRO-LH1    |
| 38 - 60mm Dia                   | 8YRO-LH2    |
| 60 - 80mm Dia                   | 8YRO-LH3    |
| 80 - 100mm Dia                  | 8YRO-LH4    |
| 100 - 140mm Dia                 | 8YRO-LH5    |
| LH1 c/w depth gauge 14 - 40 Dia | 8YRO-BRMCD1 |



### SCREEN EDGE LIFTER

Used to catch the peelable semi-conductor.

| Ref. No. |
|----------|
| 8YRO-DSP |



### ADJUSTABLE SCREEN SCORING TOOLS

This tool removes the peelable semi-conductor.

| Description   | Ref. No.   |
|---------------|------------|
| 14 - 40mm Dia | 8YRO-LHM1R |
| 38 - 60mm Dia | 8YRO-LHM2R |



### SCREEN STRIPPING TOOLS

Tools remove the bonded semi-conductor.

| Description     | Ref. No.     |
|-----------------|--------------|
| 14 - 40mm Dia   | 8YRO-ASC40R1 |
| 38 - 60mm Dia   | 8YRO-ASC40R2 |
| 60 - 80mm Dia   | 8YRO-LHS3    |
| 80 - 110mm Dia  | 8YRO-LHS4    |
| 100 - 140mm Dia | 8YRO-LHS5    |



### FIXED BLADE SCORING TOOL

| Description          | Ref. No. |
|----------------------|----------|
| 0.4mm (0.015") depth | TT2352-1 |
| 0.6mm (0.025") depth | TT2352-2 |
| 1.5mm (0.06") depth  | TT2352-3 |



### SHEATH SPREADERS

Used to spread the sheath to facilitate the passing of the shield connection.

| Description            | Ref. No.       |
|------------------------|----------------|
| 50/95mm <sup>2</sup>   | 8YRO-EV50-95   |
| 150/240mm <sup>2</sup> | 8YRO-EV150-240 |



### INSULATION CHAMFERING TOOLS

Allows cylindrical and tapered stripping of high and very high voltage single core dry cables.

| Description            | Ref. No. |
|------------------------|----------|
| 38 - 60mm Dia (LHC2)   | 8YRO-NO2 |
| 60 - 80mm Dia (LHC3)   | 8YRO-NO3 |
| 95 - 110mm Dia (LHC4)  | 8YRO-NO4 |
| 100 - 140mm Dia (LHC5) | 8YRO-NO5 |



## OUTER SHEATH ROLLER PLIERS

Used to reposition the cable shield ahead of ligature connection.

| Description     | Ref. No.     |
|-----------------|--------------|
| 11kV 50 - 240mm | 8YRO-ALROCAN |

## ADJUSTABLE TAPERING TOOL

Produces a taper only on the insulation.

| Ref. No. |
|----------|
| 8YRO-LHA |

## SCRAPER TOOL

Removes marks on the semi-conductor.

| Description             | Ref. No.       |
|-------------------------|----------------|
| Adjustable (Aluminium)  | 8YRO-SCRAPER   |
| Fixed (Phosphor Bronze) | 8YRO-SCRAPER-B |

## PORTABLE INSULATION SANDING MACHINE

For

D

**This Product  
Is No Longer Available**

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## DIES AND TOOL SPARES

### G10 TYPE HYDRAULIC TOOL DIES

A wide range of hexagon, indent and circumferential die sets to fit the G10 type tools. The U-PO pre-rounding dies enable sector shaped stranded conductors to be formed before fitting circular shaped connectors.

| Description                             | Ref. No. |
|-----------------------------------------|----------|
| Nest die (SAC)                          | UNA-     |
| Nest die (Copper)                       | UNX-C    |
| Indentor die (SAC)                      | UP-A     |
| Indentor die (Copper)                   | UP-C     |
| Hexagonal die set (Aluminium)           | U-       |
| Hexagonal die set (Copper)              | U-CHEX   |
| Circumferential die set (Aluminium)     | U-ART    |
| Circumferential die set for MV (Copper) | U-H      |
| Pre-rounding die set                    | U-PO     |
| Deep indent die set (Aluminium)         | U-D1     |



### G14H HYDRAULIC TOOL DIES

Indent and circumferential dies to fit the G14H head. The PUADP adaptor enables the G10 type dies to be used in the G14H tool.

| Description                                | Ref. No. |
|--------------------------------------------|----------|
| Nest Die (Copper)                          | PN-C     |
| Indentor die (Copper)                      | PP-C     |
| Adaptor die (To carry 'U' dies)            | PUADP    |
| Circumferential die set (Copper)           | P-H      |
| Circumferential die set (Copper/Aluminium) | P-ART    |



### E22H HYDRAULIC TOOL DIE

Hexagon and indent dies to fit the E22H head. The ED22AD - adaptor die must be used to hold the EDP-C indentor in position in the crimping head.

| Description               | Ref. No. |
|---------------------------|----------|
| Nest Die (Copper)         | EDNX-C   |
| Indentor die (Copper)     | EDP-C    |
| Hexagonal die (Aluminium) | ED-      |
| Adaptor die (Copper)      | ED22AD-  |



EDNX-C

EDP-C

ED

ED22AD-

### HOSES

Black flexible conducting hydraulic hoses for use with Prysmian Components' pump units rated at 700 Bar (10,000 psi) in dead line situations. The hoses are supported at each end by a flexible steel spring and are complete with screw on couplings.

| Description                     | Ref. No. |
|---------------------------------|----------|
| Hose, 10,000 p.s.i. 2.5m length | DLH10-25 |
| Hose, 10,000 p.s.i. 4.6m length | DLH10-46 |



### JOINTING PASTE

An oxide inhibiting paste designed to prevent galvanic corrosion and to enhance connections in electrical joints. It is especially effective when used on copper to aluminium and aluminium to aluminium joints. BX1 has a mineral oil base and BX13 a synthetic oil base.

| Ref. No.                          |
|-----------------------------------|
| BX1-225 (Squeeze Tube - Pictured) |
| BX1-BUCKET (3Kg)                  |
| BX13-BUCKET (3Kg)                 |



## Cable Joints & Terminations

# Section

Prysmian Components is able to offer a wide range of Joints and Terminations to its specialist stockists in addition to its standard LV ranges.

**COLD FIT Cold Applied MV Terminations**  
for single and three core XLPE polymeric cables.

**BITHERM Heat Shrink MV Terminations**  
for three core XLPE polymeric and paper cables.

**MODULUS™ Hydrocarbon Resistant MV Joints**  
incorporating cold applied technology. For use in oil and petrochemical installations.

**AFUMEX® LSOH Joints**  
including cold applied technology, with phenolic shells filled with jem resin.

**ELASPEED Cold Applied MV Cable Joints**  
for single and three core XLPE polymeric cables.

**BITHERM Heat Shrink MV Joint**  
for three core XLPE polymeric and paper cables.

**Mains Cables Joints and Accessories**  
comprehensive range for paper insulated cables.





## JOINTING SYSTEMS LOW VOLTAGE (600/1000 VOLTS) CABLE JOINTS

### POLYURETHANE 'TWIN PACK' RESIN STRAIGHT JOINTS

Complete with armour bond and 4 compression connectors. Complies with Performance Standard BS788, BS6910 Part 1 and European Standard HD 623 S1.

| Cables                 | Ref. No. |
|------------------------|----------|
| 4 x 4mm <sup>2</sup>   | PUJ2CC   |
| 4 x 6mm <sup>2</sup>   | PUJ6CC   |
| 4 x 10mm <sup>2</sup>  | PUJ10CC  |
| 4 x 16mm <sup>2</sup>  | PUJ16CC  |
| 4 x 25mm <sup>2</sup>  | PUJ25CC  |
| 4 x 35mm <sup>2</sup>  | PUJ35CC  |
| 4 x 50mm <sup>2</sup>  | PUJ50CC  |
| 4 x 70mm <sup>2</sup>  | PUJ70CC  |
| 4 x 95mm <sup>2</sup>  | PUJ95CC  |
| 4 x 120mm <sup>2</sup> | PUJ120CC |
| 4 x 150mm <sup>2</sup> | PUJ150CC |
| 4 x 185mm <sup>2</sup> | PUJ185CC |
| 4 x 240mm <sup>2</sup> | PUJ240CC |
| 4 x 300mm <sup>2</sup> | PUJ300CC |
| 4 x 400mm <sup>2</sup> | PUJ400CC |



### POLYURETHANE 'TWIN PACK' RESIN STRAIGHT JOINTS WITH ARMOUR BOND

Connectors not included - please refer to page 26.

| Max Cable Range        | Ref. No. |
|------------------------|----------|
| 4 x 4mm <sup>2</sup>   | MPJ1     |
| 4 x 10mm <sup>2</sup>  | MPJ2     |
| 4 x 25mm <sup>2</sup>  | MPJ3     |
| 4 x 50mm <sup>2</sup>  | MPJ4     |
| 4 x 95mm <sup>2</sup>  | MPJ5     |
| 4 x 185mm <sup>2</sup> | MPJ6     |
| 4 x 300mm <sup>2</sup> | MPJ7     |
| 4 x 400mm <sup>2</sup> | MPJ8     |



### LV STRAIGHT JOINTS SUITABLE FOR MECHANICAL CONNECTORS

Connectors not included - please refer to page 35.

| Max Cable Size         | Ref. No. |
|------------------------|----------|
| 4 x 6mm <sup>2</sup>   | MST6     |
| 4 x 16mm <sup>2</sup>  | MST16    |
| 4 x 35mm <sup>2</sup>  | MST35    |
| 4 x 95mm <sup>2</sup>  | MST95    |
| 4 x 185mm <sup>2</sup> | MST185   |
| 4 x 300mm <sup>2</sup> | MST300   |
| 4 x 400mm <sup>2</sup> | MST400   |



### LV BRANCH JOINTS SUITABLE FOR MECHANICAL CONNECTORS

Connectors not included. See page 35.

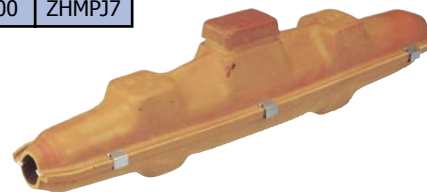
| Max Cable Size         | Ref. No. |
|------------------------|----------|
| 4 x 6mm <sup>2</sup>   | MBR6     |
| 4 x 16mm <sup>2</sup>  | MBR16    |
| 4 x 35mm <sup>2</sup>  | MBR35    |
| 4 x 95mm <sup>2</sup>  | MBR95    |
| 4 x 185mm <sup>2</sup> | MBR185   |
| 4 x 300mm <sup>2</sup> | MBR300   |



### AFUMEX® LSOH STRAIGHT JOINTS

Designed for use with Afumex, LSOH and LSF cables. The joints are non-halogenated and do not produce any toxic emissions on burning. Connectors not included - please refer to page 26.

| Cable Size mm <sup>2</sup> | Ref. No. |
|----------------------------|----------|
| 4 - 10                     | ZHMPJ2   |
| 16                         | ZHMPJ3   |
| 25 - 35                    | ZHMPJ4   |
| 50 - 95                    | ZHMPJ5   |
| 120 - 185                  | ZHMPJ6   |
| 240 - 300                  | ZHMPJ7   |



\* Fire performance versions available upon request.

\* Oil and petrochemical resistant versions available upon request.

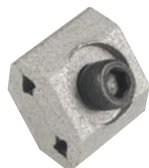
Spare resin packs are available on request.

## MECHANICAL CONNECTORS AND ACCESSORIES (600/1000 VOLTS)

### MECHANICAL CORE CONNECTORS MAIN & BRANCH

For stranded copper conductors.

| Ref. No.                    |
|-----------------------------|
| MT6C (CMC6)                 |
| P12G (Copper and Aluminium) |



### UNIVERSAL MECHANICAL LOW VOLTAGE STRAIGHT MAINS CONNECTORS

For stranded/solid aluminium and copper conductors.

| Conductor Range/mm <sup>2</sup> | Ref. No. |
|---------------------------------|----------|
| 16 - 95                         | BM95M    |
| 16 - 185                        | BM185M   |
| 95 - 300                        | BM300M   |



### UNIVERSAL MECHANICAL LOW VOLTAGE MAINS BRANCH CONNECTORS

For stranded/solid aluminium and copper conductors.

| Conductor Range mm <sup>2</sup> | Ref. No. |
|---------------------------------|----------|
| 16 - 95                         | BM95B    |
| 16 - 185                        | BM185B   |
| 95 - 300                        | BM300B   |



### UNIVERSAL MECHANICAL LOW VOLTAGE SINGLE SERVICE CONNECTORS

For stranded/solid aluminium and copper conductors.

| Conductor Range mm <sup>2</sup> | Service size mm <sup>2</sup> | Ref. No. |
|---------------------------------|------------------------------|----------|
| 16 - 95                         | 4-35                         | BM95MS1  |
| 16 - 185                        | 4-35                         | BM185MS1 |
| 95 - 300                        | 4-35                         | BM300MS1 |



### UNIVERSAL MECHANICAL LOW VOLTAGE DOUBLE SERVICE CONNECTORS

For stranded/solid aluminium and copper conductors.

| Conductor Range mm <sup>2</sup> | Service size mm <sup>2</sup> | Ref. No. |
|---------------------------------|------------------------------|----------|
| 16 - 95                         | 4-35                         | BM95MS2  |
| 16 - 185                        | 4-35                         | BM185MS2 |
| 95 - 300                        | 4-35                         | BM300MS2 |



### TOOLING FOR MECHANICAL CONNECTORS

| Description                                                             | Ref. No. |
|-------------------------------------------------------------------------|----------|
| Insulated spanner for holding branch connectors BM95B                   | BMS40    |
| Insulated spanner for holding branch connectors BM185B and BM300B       | BMS55    |
| Insulated holding tool for straight connectors BM95M, BM185M and BM300M | BMHOLDER |



### BRASS TUNNEL CONNECTORS FOR STRANDED OR SOLID CONDUCTORS

| Conductor Range mm <sup>2</sup> | Ref. No. |
|---------------------------------|----------|
| 4 - 35                          | BMT35    |
| 35 - 70                         | BMT70    |



### MECHANICAL CONNECTORS FOR WAVEFORM CNE CONDUCTORS

| Conductor Range mm <sup>2</sup> | Ref. No. |
|---------------------------------|----------|
| 115                             | BMN115   |
| 240                             | BMN240   |



### 11kV SAC/STRANDED CONNECTORS

| Size Range (mm <sup>2</sup> )  | Ref. No.     |
|--------------------------------|--------------|
| 50 - 95 (10 - 95)*             | BMHC95ALDSP  |
| 185 - 300 SAC (10 - 300 SAC)** | BMHC185ALDSP |
| 185 - 300 (10 - 300)*          | BMHC300ALDSP |

\* Connector range with the addition of centralising sleeves.  
(Available on request)

\*\* Connector suitable for 300mm<sup>2</sup> SAC only.



## 11kV MECHANICAL TERMINALS

| Size Range (mm <sup>2</sup> ) | Application | Ref. No.    |
|-------------------------------|-------------|-------------|
| 95 - 185                      | Indoor      | BMHTI185AS1 |
| 300                           | Indoor      | BMHTI300AS1 |
| 95 - 185                      | Outdoor     | BMHTO185AS3 |
| 300                           | Outdoor     | BMHTO300AS3 |



## 33kV STRANDED CONNECTORS

| Size Range (mm <sup>2</sup> ) | Ref. No.     |
|-------------------------------|--------------|
| 240 - 300                     | BMHC300TADSP |
| 400 - 500 (185 - 500)*        | BMHC500TCDSP |
| 500 - 630 (240 - 630)*        | BMHC630TCDSP |

\* Connector range with the addition of centralising sleeves.  
(Available on request)



## CABLE JOINTS FOR 11kV SINGLE CORE UNARMoured CABLES BS7870 - 4.10

### 11kV STRAIGHT JOINTS

To suit single core polymeric cables.  
(Connectors not included)

| Application Range mm <sup>2</sup> | Ref. No.    |
|-----------------------------------|-------------|
| 95 - 185                          | EJ-SXU-A-12 |
| 185 - 300                         | EJ-SXU-B-12 |
| 400 - 630                         | EJ-SXU-D-12 |



### 11kV BRANCH JOINTS

To suit single core polymeric cables.  
(Connectors included)

| Application Range mm <sup>2</sup> | Ref. No.     |
|-----------------------------------|--------------|
| 95 - 185                          | EJ-BSXU-A-12 |
| 185 - 300                         | EJ-BSXU-B-12 |



## 11kV TRIFURCATING TRANSITION STRAIGHT JOINTS

To suit paper cables (belted or screened) to single core polymeric cables. (Connectors included)

| Application Range mm <sup>2</sup> | Ref. No.    |
|-----------------------------------|-------------|
| 95 - 185                          | EJ-TTU-A-12 |
| 185 - 300                         | EJ-TTU-B-12 |



## CABLE JOINTS FOR 11kV THREE CORE UNARMoured CABLES BS7870 - 4.10

### 11kV STRAIGHT JOINTS

To suit three core polymeric cables.  
(connectors not included)

| Application Range mm <sup>2</sup> | Ref. No.    |
|-----------------------------------|-------------|
| 95 - 185                          | EJ-3XU-A-12 |
| 185 - 300                         | EJ-3XU-B-12 |



### BUILD UP KIT FOR POLYMERIC CABLES

| Application Range mm <sup>2</sup> | Ref. No.   |
|-----------------------------------|------------|
| 50 - 70 SAC/Stranded              | EJ-BX-A-12 |
| 120 - 150 SAC/Stranded            | EJ-BX-B-12 |



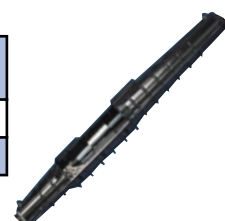
### BUILD UP KIT FOR PAPER CABLES

| Application Range mm <sup>2</sup> | Ref. No.   |
|-----------------------------------|------------|
| 16 - 70 Stranded                  | EJ-BP-A-12 |
| 95 - 185 Stranded                 | EJ-BP-B-12 |

### 11kV TRIFURCATING STRAIGHT JOINTS

To suit three core polymeric cable to single core polymeric cable.

| Application Range mm <sup>2</sup> | Ref. No.    |
|-----------------------------------|-------------|
| 95 - 185                          | EJ-TXU-A-12 |
| 185 - 300                         | EJ-TXU-B-12 |



## 11kV TRIFURCATING JOINT

Three core armoured to single core unarmoured.  
(Connector not included)

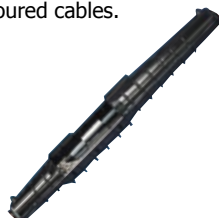
| Application Range | Ref. No.    |
|-------------------|-------------|
| 95 - 185          | EJ-TXA-A-12 |



## 11kV STRAIGHT JOINT

To suit three core polymeric armoured cables.  
(Connectors included)

| Application Range mm <sup>2</sup> | Ref. No.    |
|-----------------------------------|-------------|
| 95 - 185                          | EJ-3XA-A-12 |
| 185 - 300                         | EJ-3XA-B-12 |



## 11kV STRAIGHT TRANSITION JOINT

To suit three core polymeric armoured to three core paper cables. (Connectors included)

| Application Range mm <sup>2</sup> | Ref. No.     |
|-----------------------------------|--------------|
| 95 - 185                          | EJ-3PXA-A-12 |
| 185 - 300                         | EJ-3PXA-B-12 |



## HEATSHRINK JOINTS FOR 11kV THREE CORE CABLES

### 11kV HEATSHRINK STRAIGHT JOINT

3 core universal joint suitable for belted or screened paper cables with lead sheaths (PILC) or for SWA polymeric cables or transition between paper & Polymeric. (Connectors Included)

| Application Range mm <sup>2</sup> | Ref. No. |
|-----------------------------------|----------|
| 95 - 185                          | HJ3CU11A |
| 185 - 300                         | HJ3CU11B |

## CABLE JOINTS FOR 33kV CABLES

### 33kV STRAIGHT JOINT

To suit single core unarmoured polymeric cables.

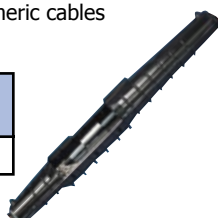
| Application Range mm <sup>2</sup> | Ref. No.       |
|-----------------------------------|----------------|
| 95 - 185                          | EJ-SXU-C-36-T3 |
| 185 - 630                         | EJ-SXU-D-36-T3 |



### 33kV STRAIGHT JOINT

To suit single core armoured polymeric cables  
(Connector not included)

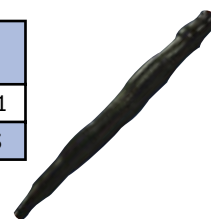
| Application Range | Ref. No.       |
|-------------------|----------------|
| 185 - 630         | EJ-SXA-D-36-T3 |



## 33kV TRANSITION JOINT

To suit single core paper to single core polymeric cables. (Connector included)

| Application Range | Ref. No.      |
|-------------------|---------------|
| 185 - 300         | SJ1530A-630S1 |
| 240 - 630         | SJ1530A-630S  |



## 33kV TRIFURCATING TRANSITION STRAIGHT JOINTS

To suit three core paper insulated 'H' type to three single core polymeric insulated cables.

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.    |
|-------------------------------------------------|-------------|
| 185 - 400                                       | TJ3532A-300 |

## 33kV BUILD UP KIT FOR SINGLE CORE POLYMERIC/SINGLE CORE TRANSITION STRAIGHT JOINTS

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 95 - 150                                        | MJ1430A  |

## BUILD UP KIT FOR 'H' TYPE TRIFURCATING/ TRANSITION STRAIGHT JOINTS

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 0.1/70 - 150 Paper                              | MJ3130A  |

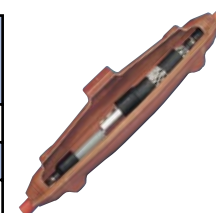
## MEDIUM VOLTAGE LSOH, OIL AND PETROCHEMICAL INSTALLATIONS

These joints are intrinsically Low Smoke and Fume and flame retardant. The joints contain no halogens and do not produce any toxic emissions on burning and also provide excellent resistance to hydrocarbons found in petrochemical installations.

### 11kV STRAIGHT JOINTS (LSOH/OIL RESISTANT)

To suit polymeric insulated single core cables (With or without lead sheath)

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 50 - 150                                        | PBSC11A  |
| 185 - 240                                       | PBSC11B  |
| 300 - 630                                       | PBSC11C  |



## 11kV STRAIGHT JOINTS (LSOH/OIL RESISTANT)

To suit polymeric insulated three core cables.  
(With or without lead sheath)

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 50 - 150                                        | PB3C11A  |
| 185 - 240                                       | PB3C11B  |
| 300 - 400                                       | PB3C11C  |



## 33kV STRAIGHT JOINTS (LSOH/OIL RESISTANT)

To suit polymeric insulated single core cables.  
(With or without lead sheath)

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 50 - 95                                         | PBSC33A  |
| 120 - 185                                       | PBSC33B  |
| 240 - 400                                       | PBSC33C  |
| 500 - 630                                       | PBSC33D  |



## 33kV STRAIGHT JOINTS (LSOH/OIL RESISTANT)

To suit polymeric insulated three core cables.  
(With or without lead sheath)

| Based on Compression Connectors mm <sup>2</sup> | Ref. No. |
|-------------------------------------------------|----------|
| 50 - 95                                         | PB3C33A  |
| 120 - 185                                       | PB3C33B  |
| 240 - 400                                       | PB3C33C  |



## COLD FIT TERMINATIONS 11kV

11kV terminations to suit polymeric insulated single or three core copper wire screen cables. For cables with a copper tape screen, additional earthing kits required.



### INDOOR SINGLE CORE TERMINATION

To suit polymeric insulated single core cables.

| Based on Compression Connectors Range/mm <sup>2</sup> | Ref. No.    | Earth Kit CU Tape Screen | Earth Kit Lead Sheath |
|-------------------------------------------------------|-------------|--------------------------|-----------------------|
| 50 - 95                                               | CIT-SX-A-12 | ESE1                     | ESE1+ESE11            |
| 120 - 300                                             | CIT-SX-B-12 | ESE2                     | ESE2+ESE12            |
| 400 - 630                                             | CIT-SX-C-12 | ESE3                     | ESE3+ESE13            |



## 11kV OUTDOOR SINGLE CORE TERMINATIONS

To suit polymeric insulated single core cables to BS 7870 - 4.10

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.    | Earth Kit CU Tape Screen | Earth Kit Lead Sheath |
|-------------------------------------------------|-------------|--------------------------|-----------------------|
| 50 - 95                                         | COT-SX-A-12 | ESE1                     | ESE1+ESE11            |
| 120 - 300                                       | COT-SX-B-12 | ESE2                     | ESE2+ESE12            |
| 400 - 630                                       | COT-SX-C-12 | ESE3                     | ESE3+ESE13            |



## 11kV INDOOR THREE CORE TERMINATIONS

To suit polymeric insulated three core cables.

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.    | Earth Kit CU Tape Screen | Earth Kit Lead Sheath |
|-------------------------------------------------|-------------|--------------------------|-----------------------|
| 35 - 70                                         | CIT-3X-A-12 | ESE1                     | ESE1+ESE11            |
| 95 - 185                                        | CIT-3X-B-12 | ESE2                     | ESE2+ESE12            |
| 240 - 300                                       | CIT-3X-C-12 | ESE3                     | ESE3+ESE13            |
| 400                                             | CIT-3X-D-12 | ESE3                     | ESE3+ESE13            |



## 11kV OUTDOOR THREE CORE TERMINATIONS

To suit polymeric insulated three core armoured cables to BS 6622

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.    | Earth Kit CU Tape Screen | Earth Kit Lead Sheath |
|-------------------------------------------------|-------------|--------------------------|-----------------------|
| 35 - 70                                         | COT-3X-A-12 | ESE1                     | ESE1+ESE11            |
| 95 - 185                                        | COT-3X-B-12 | ESE2                     | ESE2+ESE12            |
| 240 - 300                                       | COT-3X-C-12 | ESE3                     | ESE3+ESE13            |
| 400                                             | COT-3X-D-12 | ESE3                     | ESE3+ESE13            |



## HEATSHRINK TERMINATIONS 11kV

### 11kV INDOOR THREE CORE HEATSHRINK TERMINATION

To suit paper insulated three core lead sheathed cables.

| Conductor Cross Section mm <sup>2</sup> | Indoor Termination | Earth Kit - Lead Sheath |
|-----------------------------------------|--------------------|-------------------------|
| 16                                      | HIT3P - A - 11     | ESE1 + ESE11            |
| 25                                      | HIT3P - A - 11     | ESE1 + ESE11            |
| 35                                      | HIT3P - B - 11     | ESE1 + ESE11            |
| 50                                      | HIT3P - B - 11     | ESE1 + ESE11            |
| 70                                      | HIT3P - B - 11     | ESE1 + ESE11            |
| 95                                      | HIT3P - C - 11     | ESE2 + ESE12            |
| 120                                     | HIT3P - C - 11     | ESE2 + ESE12            |
| 150                                     | HIT3P - C - 11     | ESE2 + ESE12            |
| 185                                     | HIT3P - C - 11     | ESE2 + ESE12            |
| 240                                     | HIT3P - C - 11     | ESE2 + ESE12            |
| 300                                     | HIT3P - D - 11     | ESE3 + ESE13            |
| 400                                     | HIT3P - D - 11     | ESE3 + ESE13            |

### 11kV INDOOR THREE CORE HEATSHRINK TERMINATION

To suit three core polymeric insulated copper wire screen cables.

| Conductor Cross Section mm <sup>2</sup> | Indoor Termination | Earth Kit CU Tape |
|-----------------------------------------|--------------------|-------------------|
| 16                                      | HIT3X - A - 11     | ESE1              |
| 25                                      | HIT3X - A - 11     | ESE1              |
| 35                                      | HIT3X - B - 11     | ESE1              |
| 50                                      | HIT3X - B - 11     | ESE1              |
| 70                                      | HIT3X - B - 11     | ESE1              |
| 95                                      | HIT3X - C - 11     | ESE2              |
| 120                                     | HIT3X - C - 11     | ESE2              |
| 150                                     | HIT3X - C - 11     | ESE2              |
| 185                                     | HIT3X - C - 11     | ESE2              |
| 240                                     | HIT3X - C - 11     | ESE2              |
| 300                                     | HIT3X - D - 11     | ESE3              |
| 400                                     | HIT3X - D - 11     | ESE3              |



## COLD FIT TERMINATIONS 33kV

33kV terminations to suit polymeric insulated single or three core copper wire screen cables. For cables with copper wire tape screen, additional earthing kits required. Please see below.

### 33kV INDOOR/OUTDOOR SINGLE CORE TERMINATIONS

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.   |
|-------------------------------------------------|------------|
| 50 - 185                                        | CT-SX-B-36 |
| 240 - 400                                       | CT-SX-C-36 |
| 500 - 630                                       | CT-SX-D-36 |



### 33kV INDOOR/OUTDOOR THREE CORE TERMINATIONS

| Based on Compression Connectors mm <sup>2</sup> | Ref. No.   |
|-------------------------------------------------|------------|
| 50 - 70                                         | CT-3X-B-36 |
| 95 - 120                                        | CT-3X-C-36 |
| 150 - 400                                       | CT-3X-D-36 |



## TERMINATION ACCESSORIES 11kV

### INSULATING SHROUD (SET OF 3)

Silicone rubber.

| Ref. No. |
|----------|
| ESS - 24 |



### INSULATING SHROUDS - HEATSHRINK (SET OF 3)

| Conductor Cross Section mm <sup>2</sup> | Ref. No. |
|-----------------------------------------|----------|
| Right Angled                            |          |
| 16 - 35                                 | HSBA1    |
| 35 - 240                                | HSBA2    |
| 300 - 400                               | HSBA3    |
| Straight                                |          |
| 16 - 70                                 | HSBS1    |
| 95 - 400                                | HSBS2    |



### SUPPORT INSULATORS (SET OF 3)

|      | Ref. No. |
|------|----------|
| 11kV | HSI32    |
| 36kV | HSI33    |





## TERMINATION ACCESSORIES 11kV

### METAL SUPPORT BRACKET

| Ref. No. |
|----------|
| HSB1     |



### TOP HAT GLANDS (THREE CORE CABLES)

| Application Range mm <sup>2</sup> | Ref. No. |
|-----------------------------------|----------|
| 35 - 95                           | MTHG1    |
| 120 - 300                         | MTHG2    |



## MAINS CABLE JOINTS

### 3.3 - 11kV CAST IRON STRAIGHT JOINTS

For paper insulated cables. Designs contain cast iron box, lead sleeve assembly and three weak back ferrules.

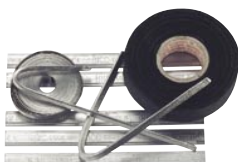
| Max Cable Size mm <sup>2</sup> | Ref. No.  |
|--------------------------------|-----------|
| 50                             | C70982-01 |
| 70                             | C70982-02 |
| 95                             | C70982-03 |
| 120                            | C70982-04 |
| 150                            | C70982-05 |
| 185                            | C70982-06 |
| 240                            | C70982-07 |
| 300                            | C70982-08 |



### 11kV ACCESSORY PACK

Each pack contains:  
Grade 'D' plumbers metal  
Corrugated lead tape  
Hessian tape  
Grade 'M' solder (for copper conductors)  
Sufficient consumables for 2 joints up to 120mm<sup>2</sup> or  
1 joint 150-300mm<sup>2</sup>

| Cable Type | Ref. No.    |
|------------|-------------|
| Copper     | C74152 - 01 |



### CORALINE FLUX

| Description | Ref. No.  |
|-------------|-----------|
| 0.45Kg Tin  | T70131-02 |



### BICASEAL - SOLID SETTING PUTTY

| Description | Ref. No.  |
|-------------|-----------|
| 0.5Kg Pack  | F70612-52 |



### PAPER STRESS CONES

Supplied one per tin.

| Max Cable Size mm <sup>2</sup> | Ref. No.    |
|--------------------------------|-------------|
| up to 185                      | D70122 - 01 |
| up to 400                      | D70122 - 04 |



### CREPE PAPER PACKS

For 11kV belted/screened and 33kV straight joints.

| Ref. No.   |
|------------|
| D70226- 22 |



### INSULATING SEPARATORS

| Ref. No.    |
|-------------|
| F70161 - 04 |
| F70161 - 06 |
| F70161 - 07 |
| F70161 - 09 |



### BICAFLUX - (ALUFLUX)

For stranded or solid aluminium conductors.

| Description | Ref. No.  |
|-------------|-----------|
| 150cc       | F71003-02 |





**ANTIMONIAL LEAD WIRE**

| Description   | Ref. No.  |
|---------------|-----------|
| 2mm x 5metres | D70113-01 |
| 3mm x 5metres | D70113-02 |

**TAPES**

| Description          | Ref. No.       |
|----------------------|----------------|
| 19mm x 66 metres lg. | F10507-03 G507 |
| 36 x 5.5metres/Tin   | F70515-06 G515 |
| 19mm x 23 metres lg. | F70532-01 G532 |

**HOT POUR COMPOUNDS TO BS1858**

| Description  | Ref. No.  |
|--------------|-----------|
| G8 (10 Kg)   | F70208-66 |
| G21 (10 Kg)  | F70021-66 |
| G83M (10 Kg) | F70083-67 |
| G101 (10 Kg) | F70201-66 |
| G123 (10 Kg) | F70162-66 |

**COMPOUNDS**

| Description     | Ref. No.  |
|-----------------|-----------|
| G38A (25 Litre) | F70038-55 |

**FUSED EQUIPMENT****CONNECTOR BLOCKS - SINGLE POLE 5 WAY**

Insulated Connectors are housed in mouldings made from black phenolic materials. Cable knockouts or blanking disks are provided in all units. Maximum conductor size 35mm.

| Description                          | Ref. No.  |
|--------------------------------------|-----------|
| Fully enclosed with removeable cover | G72273-60 |

**CONNECTOR BLOCKS - DOUBLE POLE 5 WAY**

Insulated Connectors are housed in mouldings made from black phenolic materials. Cable knockouts or blanking disks are provided in all units.

| Description             | Ref. No.  |
|-------------------------|-----------|
| 5 way phase and neutral | G70098-02 |

**ELECTRICAL WEATHERPROOF COMPOUND**

| Description | Ref. No. |
|-------------|----------|
| 0.5 Kg Pack | R391     |
| 3Kg Pack    | R392     |



## Separable Connectors

# Section

Prysmian's FORMFIT range of MV separable connectors are suitable for a wide range of applications, including connection of cable to transformers, switchgear units, motors etc. and also cable to cable.

Suitable for indoor and outdoor installations, the connectors are entirely protected by a watertight conductive envelope connected to earth.

### **The range includes:**

Straight and right angle connectors, straight connecting plugs, joints/branch connectors and accessories (which include insulated earthing and stand-off plugs).

### **Features and Benefits include:**

No need for special tooling.

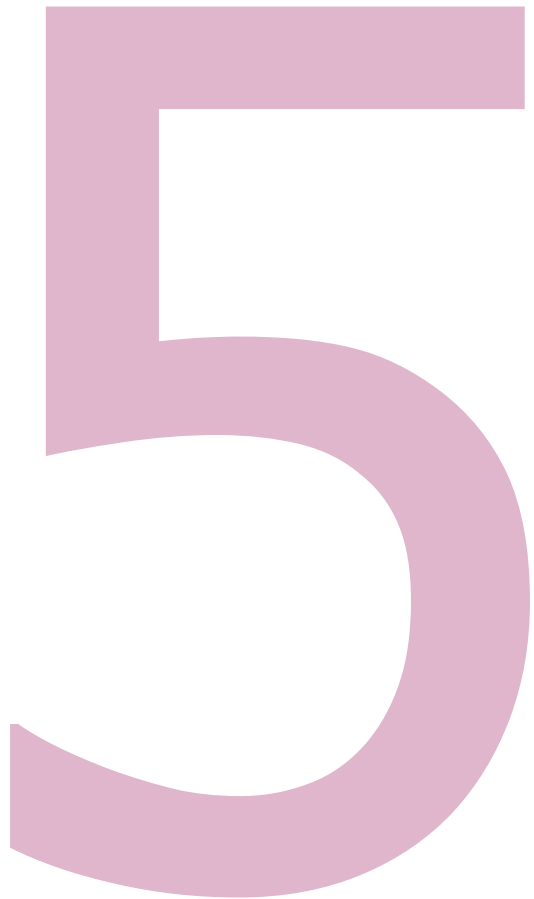
Vertical, angled or inverted position.

No minimum distance between phases.

Energising can take place immediately after the connector is plugged to its individual bushing, dead end plug etc.

Individual clamping by stainless steel brace.

Connectors packed separately.



## formfit 250A STRAIGHT AND ELBOW CONNECTORS

### STRAIGHT CONNECTORS

To suit polymeric cable up to 12kV - non-loadbreak operation - rating 250A

| Conductor Size mm <sup>2</sup><br>12kV | Ref. No.   |
|----------------------------------------|------------|
| 16                                     | FMCS-250-A |
| 25                                     | FMCS-250-B |
| 35                                     | FMCS-250-C |
| 50                                     | FMCS-250-D |
| 70                                     | FMCS-250-E |
| 95                                     | FMCS-250-F |



Voltage Class: kV  
Earthing Kit: T1 (Polyam) T2 (Copper Tape) T3 (Copper Wire)  
Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>

### ELBOW CONNECTORS TO 12kV

To suit polymeric cable up to 12kV - non-loadbreak operation - rating 250A

| Conductor Size mm <sup>2</sup><br>12kV | Ref. No.   |
|----------------------------------------|------------|
| 16                                     | FMCE-250-A |
| 25                                     | FMCE-250-B |
| 35                                     | FMCE-250-C |
| 50                                     | FMCE-250-D |
| 70                                     | FMCE-250-E |
| 95                                     | FMCE-250-F |



Voltage Class: kV  
Earthing Kit: T1 (Polyam) T2 (Copper Tape) T3 (Copper Wire)  
Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>  
To select: Ref. No. + Voltage class + Earthing kit + conductor type & size mm<sup>2</sup>  
Note: Typical example for a 12kV straight connector for 16mm<sup>2</sup>, copper wire screen cable aluminium conductor: FMCS-250-A-12-T3-A16  
24kV available on request.

## formfit ACCESSORIES FOR 250A STRAIGHT AND ELBOW CONNECTORS

### CABLE BUSHINGS

For use in oil applications up to 12kV - non-loadbreak operation - rating 250A in oil.

| Description                                                    | Ref. No.      |
|----------------------------------------------------------------|---------------|
| Normal Bushing - 12kV Plate for system NF52-053                | FMBOm-250-12Q |
| Normal Bushing - 12kV Lead for system DIN 42538 or NF C 52-053 | FMBOm-250-12K |
| Long Bushing - 12kV Plate for system NF C 52-053               | FMBOh-250-12Q |
| Long Bushing - 12kV Lead for system DIN 42538 or NF C 52-053   | FMBOh-250-12K |



### CABLE BUSHINGS

For use in air applications up to 12kV - non-loadbreak operation.



| Description                                                  | Ref. No.     |
|--------------------------------------------------------------|--------------|
| Long Bushing - 12kV Plate for system NF C 52-053             | FMBA-250-12Q |
| Long Bushing - 12kV Lead for system DIN 42538 or NF C 52-053 | FMBA-250-12K |

### DEAD-END RECEPTACLE

EPDM moulding which provides a dead-end facility for insulating bushings.



| Description                             | Ref. No.   |
|-----------------------------------------|------------|
| Dead-End Receptacle 12kV - ratings 250A | FMR-250-12 |

### DEAD-END PLUG

EPDM moulding which plugs into connector to provide dead-end facility.



| Description                       | Ref. No.    |
|-----------------------------------|-------------|
| Dead-End Plug 12kV - ratings 250A | FMPD-250-12 |

### STAND-OFF PLUG

EPDM moulding which is designed to provide support and dead-end separable connector when removed from the equipment.



| Description                       | Ref. No.    |
|-----------------------------------|-------------|
| Stand-off Plug 12kV - rating 250A | FMPS-250-12 |

### EARTHING PLUG

EPDM moulding designed to support and earth separable connectors when removed from equipment.



| Description                       | Ref. No. |
|-----------------------------------|----------|
| Stand-off Plug 12kV - rating 250A | FMPE-250 |

### ELBOW CONNECTORS

To suit polymeric cable up to 36kV - non-loadbreak operation - rating 400A

| Conductor Size mm <sup>2</sup><br>12kV | Conductor Size mm <sup>2</sup><br>36kV | Ref. No.   |
|----------------------------------------|----------------------------------------|------------|
| 70                                     | -                                      | FMCE-400-Z |
| 95                                     | -                                      | FMCE-400-A |
| 120                                    | 25                                     | FMCE-400-B |
| 150                                    | 35                                     | FMCE-400-C |
| 185                                    | 50                                     | FMCE-400-D |
| 240                                    | 70                                     | FMCE-400-E |
| 300                                    | 95                                     | FMCE-400-F |
| -                                      | 120/150                                | FMCE-400-G |
| -                                      | 185                                    | FMCE-400-H |
| -                                      | 240                                    | FMCE-400-J |



Voltage Class: kV  
 Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)  
 Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>  
 To select - Ref. No. + Voltage class + Earthing kit + conductor type & size mm<sup>2</sup>  
 Note: Typical example for a 12kV straight connector for 95mm<sup>2</sup>, copper wire screen cable aluminium conductor: FMCS-400-A-12-T3-A95  
 24kV available on request.

### TEE CONNECTORS

To suit polymeric cable up to 36kV - non-loadbreak operation - 400 series for 630A (with clamping screw).

| Conductor Size mm <sup>2</sup><br>12kV | Conductor Size mm <sup>2</sup><br>36kV | Ref. No.    |
|----------------------------------------|----------------------------------------|-------------|
| 70                                     | -                                      | FMCTs-400-Z |
| 95                                     | -                                      | FMCTs-400-A |
| 120                                    | 25                                     | FMCTs-400-B |
| 150                                    | 35                                     | FMCTs-400-C |
| 185                                    | 50                                     | FMCTs-400-D |
| 240                                    | 70                                     | FMCTs-400-E |
| 300                                    | 95                                     | FMCTs-400-F |
| -                                      | 120/150                                | FMCTs-400-G |
| -                                      | 185                                    | FMCTs-400-H |
| -                                      | 240                                    | FMCTs-400-J |

Voltage Class: kV  
 Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)  
 Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>  
 To select: Ref. No. + Voltage class + Earthing kit + conductor type & size mm<sup>2</sup>  
 Note: Typical example for a 12kV tee connector for 95mm<sup>2</sup>, copper wire screen cable aluminium conductor and socket contact: FMCT-400-A-12-T3-A95  
 24kV available on request.

## formfit 400A SEPARABLE TEE CONNECTORS

### TEE CONNECTORS

To suit polymeric cable up to 36kV - non-loadbreak operation - rating 400A

| Conductor Size mm <sup>2</sup><br>12kV | Conductor Size mm <sup>2</sup><br>36kV | Ref. No.   |
|----------------------------------------|----------------------------------------|------------|
| 70                                     | -                                      | FMCT-400-Z |
| 95                                     | -                                      | FMCT-400-A |
| 120                                    | 25                                     | FMCT-400-B |
| 150                                    | 35                                     | FMCT-400-C |
| 185                                    | 50                                     | FMCT-400-D |
| 240                                    | 70                                     | FMCT-400-E |
| 300                                    | 95                                     | FMCT-400-F |
| -                                      | 120/150                                | FMCT-400-G |
| -                                      | 185                                    | FMCT-400-H |
| -                                      | 240                                    | FMCT-400-J |



Voltage Class: kV  
 Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)

### TEE CONNECTORS

To suit polymeric cable up to 24kV - non-loadbreak operation - 400 series for 630A (with clamping screw).

| Conductor Size mm <sup>2</sup><br>12kV | Conductor Size mm <sup>2</sup><br>24kV | Ref. No.         |
|----------------------------------------|----------------------------------------|------------------|
| 70                                     | 35                                     | FMCTs-400/1250-Z |
| 120                                    | 50                                     | FMCTs-400/1250-A |
| 150                                    | 70                                     | FMCTs-400/1250-B |
| -                                      | 95                                     | FMCTs-400/1250-C |
| 185                                    | 120                                    | FMCTs-400/1250-D |
| 240                                    | 150                                    | FMCTs-400/1250-E |
| 300                                    | 185                                    | FMCTs-400/1250-G |
| -                                      | 240                                    | FMCTs-400/1250-H |
| 400                                    | 300                                    | FMCTs-400/1250-J |
| 500                                    | 400                                    | FMCTs-400/1250-L |
| -                                      | 500                                    | FMCTs-400/1250-N |
| -                                      | 630                                    | FMCTs-400/1250-Q |



Voltage Class: kV  
 Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)  
 Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>  
 To select: Ref. No. + Voltage class + Earthing kit + conductor type & size mm<sup>2</sup>  
 Note: Typical example for a 24kV tee connector for 300mm<sup>2</sup>, copper wire screen cable aluminium conductor: FMCTs-400/1250-J-24-T3-A300

## TEE CONNECTORS

For polymeric cable - deadbreak - rating 630A  
(with clamping screw)

| Diameter over insulation mm | Conductor Size mm <sup>2</sup> 12kV | Conductor Size mm <sup>2</sup> 17.5kV | Conductor Size mm <sup>2</sup> 24kV | Conductor Size mm <sup>2</sup> 36kV | Ref. No.        |
|-----------------------------|-------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|-----------------|
| 19.7 - 24.3                 | 120-150                             | 95-120                                | 50-70                               | -                                   | FMCTXs-630/C-NZ |
| 23.3 - 28.5                 | 185-240                             | 150-185                               | 95-150                              | 50                                  | FMCTXs-630/C-NA |
| 27.6 - 32.6                 | 300                                 | 240                                   | 185                                 | 70-120                              | FMCTXs-630/C-NB |
| 30.6 - 35.8                 | 400                                 | 300                                   | 240-300                             | 150-185                             | FMCTXs-630/C-NC |
| 33.8 - 38.8                 | 500                                 | 400                                   | 400                                 | 240                                 | FMCTXs-630/C-ND |
| 36.8 - 41.8                 | 630                                 | 500                                   | 500                                 | 300                                 | FMCTXs-630/C-NE |
| 39.8 - 45.8                 | -                                   | 630                                   | 630                                 | 400                                 | FMCTXs-630/C-NF |

Voltage Class: kV

Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)

Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>

To select: Ref. No. + Voltage Class + Earthing kit + Conductor type & size mm<sup>2</sup>

Note : Typical example for a 22kV tee connector for 300mm<sup>2</sup>, insulation diameter 33.2mm, aluminium conductor, copper wire screen:

FMCTXs-630/C-NC-24-T3-A300



## formfit ACCESSORIES FOR 400A ELBOW CONNECTORS

### CABLE BUSHINGS

For use in oil applications up to 36kV - non-loadbreak operation - rating 400A.

| Description                              | Ref. No.     |
|------------------------------------------|--------------|
| Normal Bushing - 12kV rating 400A in oil | FMBOm-400-12 |
| Normal Bushing - 24kV rating 400A in oil | FMBOm-400-24 |
| Normal Bushing - 36kV rating 400A in oil | FMBOm-400-36 |

## formfit ACCESSORIES FOR 400A TEE CONNECTORS

### CABLE BUSHINGS

For use in oil applications up to 36kV - non - loadbreak operation - rating 400A.

| Description                              | Ref. No.     |
|------------------------------------------|--------------|
| Normal Bushing - 12kV rating 400A in oil | FMBOs-400-12 |
| Normal Bushing - 24kV rating 400A in oil | FMBOs-400-24 |
| Normal Bushing - 36kV rating 400A in oil | FMBOs-400-36 |



### DEAD END RECEPTACLE

EDPM moulding which provides a dead-end facility for insulating bushings.

| Description                            | Ref. No.   |
|----------------------------------------|------------|
| Dead End Receptacle 12kV - rating 400A | FMR-400-12 |
| Dead End Receptacle 24kV - rating 400A | FMR-400-24 |
| Dead End Receptacle 36kV - rating 400A | FMR-400-36 |



### INSULATING PLUG

Epoxy resin mould which provides dead-end facility for separable tee connectors.

| Description                        | Ref. No.    |
|------------------------------------|-------------|
| Insulating Plug 12kV - rating 400A | FMPI-400-12 |
| Insulating Plug 24kV - rating 400A | FMPI-400-24 |
| Insulating Plug 36kV - rating 400A | FMPI-400-36 |

### STRAIGHT CONNECTION PLUG

Epoxy resin moulding over a copper rod for connecting two separable tee connectors FMCTs-400.

| Description                                 | Ref. No.     |
|---------------------------------------------|--------------|
| Straight Connection Plug 12kV - rating 630A | FMPCs-400-12 |
| Straight Connection Plug 24kV - rating 630A | FMPCs-400-24 |
| Straight Connection Plug 36kV - rating 630A | FMPCs-400-36 |



## STAND OFF PLUG

EDPM moulding which is designed to provide support and dead-end separable connector when removed from the equipment.

| Description                          | Ref. No.    |
|--------------------------------------|-------------|
| Stand Off Plug 12kV<br>- rating 400A | FMPS-400-12 |
| Stand Off Plug 24kV<br>- rating 400A | FMPS-400-24 |
| Stand Off Plug 36kV<br>- rating 400A | FMPS-400-36 |



## EARTHING PLUG

EPDM moulding designed to support and earth separable connectors when removed from the equipment.

| Description                    | Ref. No. |
|--------------------------------|----------|
| Earthing Plug - Rating<br>400A | FMPE-400 |



## formfit 600/1250A SEPARABLE TEE CONNECTORS

### TEE CONNECTOR

To suit polymeric cable up to 24kV - non-loadbreak operation - rating 1250A (with clamping screw)

| Conductor Size mm <sup>2</sup><br>12kV | Conductor Size mm <sup>2</sup><br>24kV | Ref. No.         |
|----------------------------------------|----------------------------------------|------------------|
| 120                                    | 50                                     | FMCTs-600/1250-A |
| 150                                    | 70                                     | FMCTs-600/1250-B |
| -                                      | 95                                     | FMCTs-600/1250-C |
| 185                                    | 120                                    | FMCTs-600/1250-D |
| 240                                    | 150                                    | FMCTs-600/1250-E |
| 300                                    | 185                                    | FMCTs-600/1250-G |
| -                                      | 240                                    | FMCTs-600/1250-H |
| 400                                    | 300                                    | FMCTs-600/1250-J |
| 500                                    | 400                                    | FMCTs-600/1250-L |
| 630                                    | -                                      | FMCTs-600/1250-M |
| -                                      | 500                                    | FMCTs-600/1250-N |
| -                                      | 630                                    | FMCTs-600/1250-Q |



Voltage Class: kV  
Earthing Kit: T1 (Polylam) T2 (Copper Tape) T3 (Copper Wire)  
Conductor Type and size in mm<sup>2</sup>: "A" (Aluminium) - mm<sup>2</sup> "C" (Copper) - mm<sup>2</sup>  
To select: Ref. No. + Voltage class + Earthing kit + conductor type & size mm<sup>2</sup>  
Note: Typical example for a 24kV tee connector for 300mm<sup>2</sup>, copper wire  
screen cable aluminium conductor: FMCTs-600/1250-J-24-T3-A300

## formfit ACCESSORIES FOR 600/1250A TEE CONNECTORS

### CABLE BUSHINGS

For use in oil applications up to 24kV - non-loadbreak operation - rating 600/1250A (screw contact)

| Description                                      | Ref. No.          |
|--------------------------------------------------|-------------------|
| Normal Bushing - 12kV<br>rating 600/1250A in oil | FMBOS-600/1250-12 |
| Normal Bushing - 24kV<br>rating 600/1250A in oil | FMBOS-600/1250-24 |



### STRAIGHT CONNECTION PLUG

Epoxy resin moulding over a copper rod for connecting two separable tee connectors.

| Description                                         | Ref. No.          |
|-----------------------------------------------------|-------------------|
| Straight Connection Plug<br>12kV - rating 600/1250A | FMPCs-600/1250-12 |
| Straight Connection Plug<br>24kV - rating 600/1250A | FMPCs-600/1250-24 |



### INSULATING PLUG

Epoxy resin mould which provides dead-end facility for separable tee connectors.

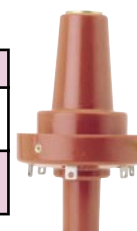
| Description                                | Ref. No.         |
|--------------------------------------------|------------------|
| Insulating Plug 12kV<br>- rating 600/1250A | FMPI-600/1250-12 |
| Insulating Plug 24kV<br>- rating 600/1250A | FMPI-600/1250-24 |



### REDUCING PLUG FMPR - 600

Epoxy resin mould which allows a separable tee connector FMCTs-600/1250 to accept connectors of the 250A series.

| Description                         | Ref. No.    |
|-------------------------------------|-------------|
| Reducing Plug 12kV -<br>rating 600A | FMPR-600-12 |
| Reducing Plug 24kV -<br>rating 600A | FMPR-600-24 |





# Pressline® Emergency Stop Systems

Pressline® is a unique system that offers continuous emergency stop protection around complex industrial hazards.

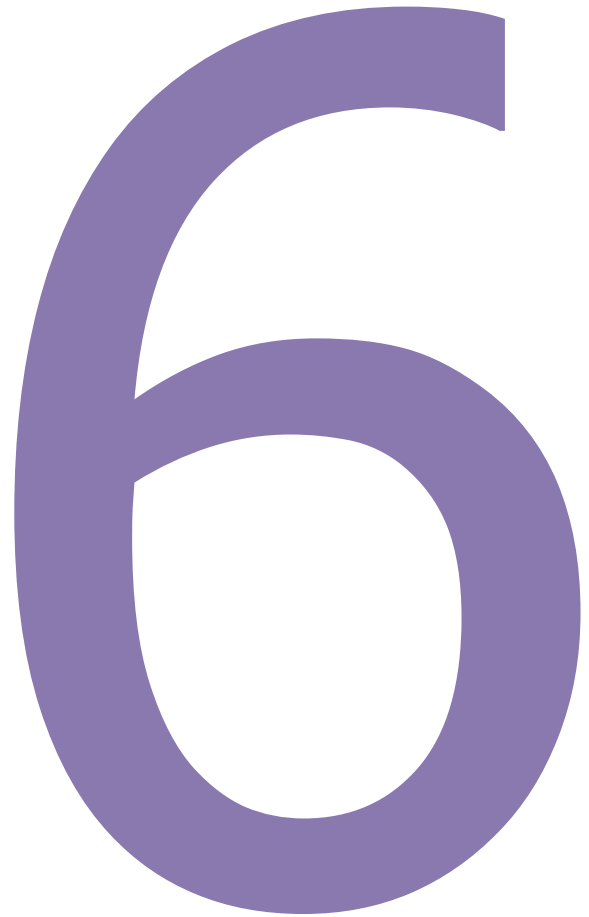
The actuating device is a patented pressure sensitive cable that can follow any route up to 10km. Activation is by pressing, bending or pulling the cable at any point along its length.

The Pressline Control Unit monitors the pressure sensitive cable and employs rigorously tested solid state technology. The control unit continuously monitors the cable and confirms system functionality. If an activation state is detected in the cable, the control unit interacts with the machinery controls to switch off plant and activate alarms. The Pressline Emergency Stop System offers the following features and benefits:

- Continuous emergency stop switching along routes up to 10km.
- Actuating cable can follow any route regardless of its complexity.
- Solid state technology eliminates the nuisance tripping often associated with contact failure on traditional systems.
- Low smoke and fume options are available for projects (minimum order quantities may apply).
- Immune from vibration degradation.
- Maintenance free operation.
- Self monitoring, fail safe system design.
- Quick and cost effective installation.

Typical applications include: airport baggage control, bottling plants, assembly lines, paper mills, high tech manufacturing environments, sorting and distribution centres, quarries and mines.

## Section



## PRESSLINE CABLE

Specially designed for this application, the cable will cause the control unit to trip when pressed, pulled, kinked or damaged (including being severed).



| Ref. No.     | Description                           |
|--------------|---------------------------------------|
| F105 720 966 | Polyurethane Sheathed Pressline Cable |
| F105 721 490 | 2 Core Screened Interconnection Cable |

## CONTROL UNIT

Continuously monitors the condition of the Pressline cable and provides outputs and volt free relay contacts for machinery control and alarms. The unit will operate from 110V AC, 240V AC or 24V DC and is available with either key switch, push button or remote reset facilities.



| Ref. No.     | Description                 |
|--------------|-----------------------------|
| W8 2350 2000 | Control Unit - Key Reset    |
| W8 2351 2000 | Control Unit - Button Reset |
| W8 2352 2000 | Control Unit - Remote Reset |

## END CLEATS

Designed for installation at the end of straight sections of a Pressline cable run, these cleats ensure that an axial pulling action will trip the system.



| Ref. No.     | Description                    |
|--------------|--------------------------------|
| W8 2355 0003 | End Cleat - Nylon (2 per pack) |

## CORNER CLEATS

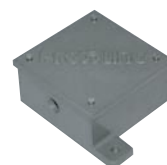
Allows Pressline cable to be turned through 90°, either vertically or horizontally without tripping the system.



| Ref. No.     | Description                       |
|--------------|-----------------------------------|
| W8 2356 0003 | Corner Cleat - Nylon (5 per pack) |

## TERMINATION BOX

Used for terminating Pressline cables, the design facilitates both mechanical anchoring and electrical terminating of cables.



| Ref. No.     | Description                 |
|--------------|-----------------------------|
| W8 2353 0000 | Termination Box - Aluminium |

## PIGTAIL CABLE SUPPORTS

Galvanised steel pigtail used to support the Pressline cable.



| Ref. No.     | Description                       |
|--------------|-----------------------------------|
| W8 2999 0008 | Galvanised Pigtails (10 per pack) |

## TERMINATION KIT

Contains everything required to terminate each end of the Pressline Cable.

| Ref. No.     | Description                  |
|--------------|------------------------------|
| W8 2354 0000 | Termination Kit (2 per pack) |

## FOR CABLE ACCESSORIES FOR BS 5467 (XLPE,PVC 600/1000V) & BS 6724 (XLPE, LSOH 600/1000V)

| Cond Size mm <sup>2</sup> | No. of Cores | BICON Indoor Gland Kits* |                        | BICON Indoor/Outdoor Gland Kits† |                        | BICON Indoor/Outdoor Gland Kits† |                         | BICON Telcleats |              | BICON Hook Cleat   | BICON Claw & 2-Bolt Cleats | BICON Industrial Joints |              | BICON Universal Joints |        |              | BICON       |
|---------------------------|--------------|--------------------------|------------------------|----------------------------------|------------------------|----------------------------------|-------------------------|-----------------|--------------|--------------------|----------------------------|-------------------------|--------------|------------------------|--------|--------------|-------------|
|                           |              | BW Kits                  | BW LSF Kits            | CW Kits                          | CW LSF Kits            | E1W Kits                         | E1W LSF Kits            | Polythene       | Afumex (LSF) | Glass Filled Nylon | Aluminium                  | Standard                | Afumex (LSF) | Straight               | Branch | Afumex (LSF) | Copper Lugs |
|                           |              | Size                     | Size                   | Size                             | Size                   | Size                             | Size                    | Size            | Size         | Size               | Size                       | Size                    | Size         | Size                   | Size   | Size         | Size        |
| 1.5                       | 2            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA71)             | LSF20sE1W<br>(421LSF71) | 385AA01         | 385LSF01     | -                  | 370BA01                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 3            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA71)             | LSF20sE1W<br>(421LSF71) | 385AA01         | 385LSF01     | -                  | 370BA01                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 4            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA71)             | LSF20sE1W<br>(421LSF71) | 385AA01         | 385LSF01     | -                  | 370BA01                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 7            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA71)             | LSF20sE1W<br>(421LSF71) | 385AA02         | 385LSF02     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 12           | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ2                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 19           | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
|                           | 27           | BW32K<br>(420AA56)       | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)               | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA55)              | LSF32E1W<br>(421LSF55)  | 385AA05         | 385LSF05     | 384AA01            | 370BA06                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
|                           | 37           | BW32K<br>(420AA56)       | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)               | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)              | LSF32E1W<br>(421LSF56)  | 385AA06         | 385LSF06     | 384AA01            | 370BA06                    | MPJ3                    | ZHMPJ3       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
|                           | 48           | BW40K<br>(420AA57)       | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)               | LSF40CW<br>(422LSF57)  | E1W32K<br>(421AA56)              | LSF32E1W<br>(421LSF56)  | 385AA06         | 385LSF06     | 384AA01            | 370BA07                    | MPJ4                    | ZHMPJ4       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
| 2.5                       | 2            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA71)             | LSF20sE1W<br>(421LSF71) | 385AA01         | 385LSF01     | -                  | 370BA01                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 3            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA02         | 385LSF02     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 4            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA02         | 385AA02      | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 7            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20K<br>(421AA53)              | LSF20E1W<br>(421LSF53)  | 385AA03         | 385LSF03     | -                  | 370BA03                    | MPJ2                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT2C--      |
|                           | 12           | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA05                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
|                           | 19           | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA05         | 385LSF05     | 384AA01            | 370BA06                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ2       | BT2C--      |
|                           | 27           | BW32K<br>(420AA56)       | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)               | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)              | LSF32E1W<br>(421LSF56)  | 385AA06         | 385LSF06     | 384AA01            | 370BA06                    | MPJ4                    | ZHMPJ4       | MST35                  | MBR35  | ZHMPJ2       | BT2C--      |
|                           | 37           | BW40K<br>(420AA57)       | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)               | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)              | LSF40E1W<br>(421LSF57)  | 385AA06         | 385LSF06     | 384AA01            | 370BA07                    | MPJ4                    | ZHMPJ4       | MST35                  | MBR35  | ZHMPJ2       | BT2C--      |
|                           | 48           | BW40K<br>(420AA57)       | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)               | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)              | LSF40E1W<br>(421LSF57)  | 385AA07         | 385LSF07     | 384AA02            | 370BA08                    | MPJ4                    | ZHMPJ4       | MST35                  | MBR35  | ZHMPJ2       | BT2C--      |
| 4                         | 2            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA02         | 385LSF02     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
|                           | 3            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA02         | 385LSF02     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
|                           | 4            | BW20sK<br>(420AA52)      | LSF20sBW<br>(420LSF52) | CW20sK<br>(422AA52)              | LSF20sCW<br>(422LSF52) | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA03         | 385LSF03     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
| 6                         | 2            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20sK<br>(421AA52)             | LSF20sE1W<br>(421LSF52) | 385AA02         | 385LSF02     | -                  | 370BA02                    | MPJ1                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
|                           | 3            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20K<br>(421AA53)              | LSF20E1W<br>(421LSF53)  | 385AA03         | 385LSF03     | -                  | 370BA03                    | MPJ2                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
|                           | 4            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20K<br>(421AA53)              | LSF20E1W<br>(421LSF53)  | 385AA03         | 385LSF03     | -                  | 370BA03                    | MPJ2                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT6c--      |
| 10                        | 2            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20K<br>(421AA53)              | LSF20E1W<br>(421LSF53)  | 385AA03         | 385LSF03     | -                  | 370BA03                    | MPJ2                    | ZHMPJ2       | MST6                   | MBR6   | ZHMPJ1       | BT10c--     |
|                           | 3            | BW20K<br>(420AA53)       | LSF20BW<br>(420LSF53)  | CW20K<br>(422AA53)               | LSF20CW<br>(422LSF53)  | E1W20K<br>(421AA53)              | LSF20E1W<br>(421LSF53)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ1       | BT10c--     |
|                           | 4            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ1       | BT10c--     |
| 16                        | 2            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ2                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ1       | BT16c--     |
|                           | 3            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ3                    | ZHMPJ3       | MST16                  | MBR16  | ZHMPJ1       | BT16c--     |
|                           | 4            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA05         | 385LSF05     | -                  | 370BA05                    | MPJ3                    | ZHMPJ3       | MST6                   | MBR6   | ZHMPJ2       | BT16c--     |
| 25                        | 2            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA04         | 385LSF04     | -                  | 370BA04                    | MPJ3                    | ZHMPJ2       | MST16                  | MBR16  | ZHMPJ1       | BT25c--     |
|                           | 3            | BW25K<br>(420AA55)       | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)               | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)              | LSF25E1W<br>(421LSF55)  | 385AA05         | 385LSF05     | 384AA01            | 370BA06                    | MPJ3                    | ZHMPJ3       | MST16                  | MBR16  | ZHMPJ1       | BT25c--     |
|                           | 4            | BW32K<br>(420AA56)       | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)               | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)              | LSF32E1W<br>(421LSF56)  | 385AA06         | 385LSF06     | 384AA01            | 370BA06                    | MPJ3                    | ZHMPJ4       | MST35                  | MBR35  | ZHMPJ2       | BT25c--     |

FOR FURTHER DETAILS PLEASE CONTACT SALES ON: TEL: +44 (0) 151 430 3655 OR FAX: +44 (0)151 430 3636

# COMPONENTS SELECTOR CHART

NB: CODES IN RED INDICATE OLD BICC CODES

† INDOOR/OUTDOOR: To give protection against the ingress of dust and liquids

\* INDOOR: For use in dry and dust free environments

10/01/2006

FOR CABLE ACCESSORIES FOR BS 5467 (XLPE,PVC 600/1000V) & BS 6724 (XLPE, LSOH 600/1000V)

| Cond<br>Size mm <sup>2</sup> | No. of<br>Cores | BICON<br>Indoor Gland Kits* |                        | BICON<br>Indoor/Outdoor Gland Kits† |                        | BICON<br>Indoor/Outdoor Gland Kits† |                         | BICON<br>Telcleats |              | BICON<br>Hook Cleat | BICON<br>Claw & 2-Bolt Cleats | BICON Industrial Joints |              | BICON Universal Joints |        |              | BICON       |
|------------------------------|-----------------|-----------------------------|------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------|--------------------|--------------|---------------------|-------------------------------|-------------------------|--------------|------------------------|--------|--------------|-------------|
|                              |                 | BW Kits                     | BW LSF Kits            | CW Kits                             | CW LSF Kits            | E1W Kits                            | E1W LSF Kits            | Polythene          | Afumex (LSF) | Glass Filled Nylon  | Aluminium                     | Standard                | Afumex (LSF) | Straight               | Branch | Afumex (LSF) | Copper Lugs |
|                              |                 | Size                        | Size                   | Size                                | Size                   | Size                                | Size                    | Size               | Size         | Size                | Size                          | Size                    | Size         | Size                   | Size   | Size         | Size        |
| 35                           | 2               | BW25K<br>(420AA55)          | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)                  | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)                 | LSF25E1W<br>(421LSF55)  | 385AA05            | 385LSF05     | -                   | 370BA05                       | MPJ3                    | ZHMPJ3       | MST35                  | MBR35  | ZHMBJ1       | BT35c--     |
|                              | 3               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)                 | LSF32E1W<br>(421LSF56)  | 385AA06            | 385LSF06     | 384AA01             | 370BA06                       | MPJ4                    | ZHMPJ4       | MST35                  | MBR35  | ZHMBJ1       | BT35c--     |
|                              | 4               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)                 | LSF32E1W<br>(421LSF56)  | 385AA06            | 385LSF06     | 384AA01             | 370BA06                       | MPJ4                    | ZHMPJ4       | MST35                  | MBR35  | ZHMBJ1       | BT35c--     |
| 50                           | 2               | BW25K<br>(420AA55)          | LSF25BW<br>(420LSF55)  | CW25K<br>(422AA55)                  | LSF25CW<br>(422LSF55)  | E1W25K<br>(421AA55)                 | LSF25E1W<br>(421LSF55)  | 385AA05            | 385LSF05     | 384AA01             | 370BA06                       | MPJ4                    | ZHMPJ3       | MST95                  | MBR95  | ZHMBJ1       | BT50c--     |
|                              | 3               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)                 | LSF32E1W<br>(421LSF56)  | 385AA06            | 385LSF06     | 384AA01             | 370BA06                       | MPJ4                    | ZHMPJ5       | MST95                  | MBR95  | ZHMBJ1       | BT50c--     |
|                              | 4               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA06            | 385LSF06     | 384AA01             | 370BA07                       | MPJ4                    | ZHMPJ5       | MST95                  | MBR95  | ZHMBJ1       | BT50c--     |
| 70                           | 2               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)                 | LSF32E1W<br>(421LSF56)  | 385AA06            | 385LSF06     | 384AA01             | 370BA06                       | MPJ4                    | ZHMPJ4       | MST95                  | MBR95  | -            | BT70c--     |
|                              | 3               | BW40K<br>(420AA57)          | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)                  | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA06            | 385LSF06     | 384AA01             | 370BA07                       | MPJ4                    | ZHMPJ5       | MST95                  | MBR95  | -            | BT70c--     |
|                              | 4               | BW40K<br>(420AA57)          | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)                  | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA07            | 385LSF07     | 384AA02             | 370BA08                       | MPJ5                    | ZHMPJ4       | MST95                  | MBR95  | -            | BT70c--     |
| 95                           | 2               | BW32K<br>(420AA56)          | LSF32BW<br>(420LSF56)  | CW32K<br>(422AA56)                  | LSF32CW<br>(422LSF56)  | E1W32K<br>(421AA56)                 | LSF32E1W<br>(421LSF56)  | 385AA06            | 385LSF06     | 384AA01             | 370BA07                       | MPJ4                    | ZHMPJ5       | MST95                  | MBR95  | -            | BT95--      |
|                              | 3               | BW40K<br>(420AA57)          | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)                  | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA07            | 385LSF07     | 384AA02             | 370BA08                       | MPJ5                    | ZHMPJ5       | MST95                  | MBR95  | -            | BT95--      |
|                              | 4               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50sK<br>(422AA58)                 | LSF50sCW<br>(422LSF58) | E1W50sK<br>(421AA58)                | LSF50sE1W<br>(421LSF58) | 385AA08            | 385LSF08     | 384AA02             | 370BA08                       | MPJ5                    | ZHMPJ5       | MST95                  | MBR95  | -            | BT95--      |
| 120                          | 2               | BW40K<br>(420AA57)          | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA56)                  | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA07            | 385LSF07     | 384AA01             | 370BA07                       | MPJ5                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT120c--    |
|                              | 3               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50sK<br>(422AA58)                 | LSF50sCW<br>(422LSF58) | E1W50sK<br>(421AA58)                | LSF50sE1W<br>(421LSF58) | 385AA07            | 385LSF07     | 384AA02             | 370BA08                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT120c--    |
|                              | 4               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50K<br>(422AA59)                  | LSF50CW<br>(422LSF59)  | Contact Sales                       | Contact Sales           | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT120c--    |
| 150                          | 2               | BW40K<br>(420AA57)          | LSF40BW<br>(420LSF57)  | CW40K<br>(422AA57)                  | LSF40CW<br>(422LSF57)  | E1W40K<br>(421AA57)                 | LSF40E1W<br>(421LSF57)  | 385AA07            | 385LSF07     | 384AA02             | 370BA08                       | MPJ5                    | ZHMPJ5       | MST185                 | MBR185 | -            | BT150c--    |
|                              | 3               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50sK<br>(422AA58)                 | LSF50sCW<br>(422LSF58) | E1W50sK<br>(421AA58)                | LSF50sE1W<br>(421LSF58) | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT150c--    |
|                              | 4               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50K<br>(422AA59)                  | LSF50CW<br>(422LSF59)  | E1W50K<br>(421AA59)                 | LSF50E1W<br>(421LSF59)  | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT150c--    |
| 185                          | 2               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50sK<br>(422AA58)                 | LSF50sCW<br>(422LSF58) | E1W50sK<br>(421AA58)                | LSF50sE1W<br>(421LSF58) | 385AA08            | 385LSF08     | 384AA02             | 370BA08                       | MPJ5                    | ZHMPJ5       | MST185                 | MBR185 | -            | BT185c--    |
|                              | 3               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50K<br>(422AA59)                  | LSF50CW<br>(422LSF59)  | E1W50K<br>(421AA59)                 | LSF50E1W<br>(421LSF59)  | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT185c--    |
|                              | 4               | BW63K<br>(420AA61)          | LSF63BW<br>(420LSF61)  | CW63K<br>(422AA61)                  | LSF63CW<br>(422LSF61)  | E1W63sK<br>(421AA60)                | LSF63sE1W<br>(421LSF60) | -                  | -            | 384AA04             | 370BA10                       | MPJ6                    | ZHMPJ6       | MST185                 | MBR185 | -            | BT185c--    |
| 240                          | 2               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50K<br>(422AA59)                  | LSF50CW<br>(422LSF59)  | Contact Sales                       | Contact Sales           | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST300                 | MBR300 | -            | BT240c--    |
|                              | 3               | BW63K<br>(420AA61)          | LSF63BW<br>(420LSF61)  | CW63K<br>(422AA61)                  | LSF63CW<br>(422LSF61)  | E1W63sK<br>(421AA60)                | LSF63sE1W<br>(421LSF60) | -                  | -            | 384AA04             | 370BA10                       | MPJ7                    | ZHMPJ7       | MST300                 | MBR300 | -            | BT240c--    |
|                              | 4               | BW63K<br>(420AA61)          | LSF63BW<br>(420LSF61)  | CW63K<br>(422AA61)                  | LSF63CW<br>(422LSF61)  | E1W63K<br>(421AA61)                 | LSF63E1W<br>(421LSF61)  | -                  | -            | 384AA05             | 370BA11                       | MPJ7                    | ZHMPJ7       | MST300                 | MBR300 | -            | BT240c--    |
| 300                          | 2               | BW50K<br>(420AA59)          | LSF50BW<br>(420LSF59)  | CW50K<br>(422AA59)                  | LSF50CW<br>(422LSF59)  | E1W50K<br>(421AA59)                 | LSF50E1W<br>(421LSF59)  | 385AA08            | 385LSF08     | 384AA03             | 370BA09                       | MPJ6                    | ZHMPJ6       | MST300                 | MBR300 | -            | BT300c--    |
|                              | 3               | BW63K<br>(420AA61)          | LSF63BW<br>(420LSF61)  | CW63K<br>(422AA61)                  | LSF63CW<br>(422LSF61)  | Contact Sales                       | Contact Sales           | -                  | -            | 384AA04             | 370BA11                       | MPJ7                    | ZHMPJ7       | MST300                 | MBR300 | -            | BT300c--    |
|                              | 4               | BW75K<br>(420AA63)          | LSF75BW<br>(420LSF63)  | CW75K<br>(422AA63)                  | LSF75CW<br>(422LSF63)  | E1W75sK<br>(421AA62)                | LSF75sE1W<br>(421LSF62) | -                  | -            | 384AA05             | 370BA12                       | MPJ7                    | ZHMPJ7       | MST300                 | MBR300 | -            | BT300c--    |
| 400                          | 2               | BW63K<br>(420AA61)          | LSF63BW<br>(420LSF61)  | CW63K<br>(422AA61)                  | LSF63CW<br>(422LSF61)  | E1W63sK<br>(421AA60)                | LSF63sE1W<br>(421LSF60) | -                  | -            | 384AA04             | 370BA10                       | MPJ8                    | ZHMPJ8       | Contact Sales          | -      | -            | BT400c--    |
|                              | 3               | BW75sK<br>(420AA62)         | LSF75sBW<br>(420LSF62) | CW75K<br>(422AA63)                  | LSF75CW<br>(422LSF63)  | Contact Sales                       | Contact Sales           | -                  | -            | 384AA05             | 370BA12                       | MPJ8                    | ZHMPJ8       | Contact Sales          | -      | -            | BT400c--    |
|                              | 4               | BW75K<br>(420AA63)          | LSF75BW<br>(420LSF63)  | CW75K<br>(422AA63)                  | LSF75CW<br>(422LSF63)  | E1W75K<br>(421AA63)                 | LSF75E1W<br>(421LSF63)  | -                  | -            | 384AA06             | 370BA13                       | MPJ8                    | ZHMPJ8       | Contact Sales          | -      | -            | BT400c--    |

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