Euromold is the leading European specialised designer, manufacturer and distributor of prefabricated cable accessories for medium voltage energy distribution. Euromold provides a complete range of accessories for underground cables: premoulded EPDM rubber connectors for cables and epoxy bushings for transformers and switchgear, as well as a large range of cold-shrinkable terminations and joints from 12 to 42 kV. Euromold is also the manufacturer of electrical components for the high voltage accessories of the Nexans group.

ISO 9001 Certificate
Since 1992, Euromold’s commitment to quality is demonstrated by its ISO 9001 certification.

International standards
All our products meet the International standards like CENELEC HD 629.1, CENELEC EN 50180, IEC 60137, IEC 60502-4… or country specifications. Official certificates, CESI, KEMA, ATEX… prove the conformity of our products. Long duration tests of existing or new products are continuously performed in our test fields.

Laboratory accreditation
Since June 2000, Euromold’s independent ELAB laboratory obtained the BELAC accreditation no. 144-TEST conform with the European standards for laboratories ISO 17025 for electrical testing of low and medium voltage cable accessories according to the international standards HD 623 and HD 629.
## Table of contents

- 400LB - elbow connector
- 430TB - tee connector
- 400TB - tee connector
- 434TB - tee connector
- 440TB - tee connector
- 300PBM - coupling connector
- 430TBM-P2/P3 - dual/triple cable arrangement
- 440PBM - coupling connector
- 434TBM-P2 - dual cable arrangement
- 400AR-3 - equipment bushing
- 400AR-4 - equipment bushing
- 400AR-5 - equipment bushing
- 400AR-6 - equipment bushing
- 400SFR-B - equipment bushing
- 400A-24B - in-air bushing
- 300SA - surge arrester
- 400PB-XSA - surge arrester
- 400TR & 400TR-LB - test rod
- 400TK-400SW installation tools
- Accessories
- Possible arrangements

## Interface C

Dimensions according to European CENELEC EN 50180 and 50181 (in mm).
Connecting possibilities

**BUSHINGS / ACCESSORIES**

- Equipment interface
- (K)(M)400AR-3 Equipment bushing
- (K)(M)400AR-4 Equipment bushing
- (K)(M)400AR-5 Equipment bushing
- (K)(M)400AR-6 Equipment bushing
- (K)(M)400SFR-B Equipment bushing
- 400A-24B In-air bushing
- (K)(M)400SOP-B Stand-off plug
- 400GP-B Earthing plug
- (K)400RTPA Reducing tap plug
- (K)(M)400CP-SC Connecting plug
- (K)(M)440CP Connecting plug

**CONNECTION**

dead-ending of equipment
cable to equipment
cable isolation
cable earthing
tap-off 630/250A
in-line junction
in-line junction

**CONNECTORS / ACCESSORIES**

- (K)(M)400DR-B Dead-end receptacle
- (K)400LB/G Elbow connector
- (K)(M)430TB/G Tee connector
- (K)(M)434TB/G Tee connector
- (K)(M)440PBM/G Coupling connector
- (K)(M)300PBM/G Coupling connector
- 300SA Surge arrester
- (K)(M)400PBM/G Coupling connector
- (K)(M)440PBM/G Coupling connector
- 400PB-XSA Surge arrester

Euromold
a Nexans company
**Application**
Separable elbow connector designed to connect polymeric insulated cable to equipment (transformers, switchgear, motors...). Also connects cable to cable, using the appropriate mating part.

**Technical characteristics**
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

**Design**
Separable connector comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Type C - 630 A interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector (not included in the standard kit).
6. Insulating plug.
7. Cable reducer.
8. Earthing lead.
9. Transition contact M10/M16.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

**Specifications and standards**
The 400LB separable connector meets the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>min</td>
</tr>
<tr>
<td>400LB/G</td>
<td>12</td>
<td>630</td>
<td>25</td>
</tr>
<tr>
<td>K400LB/G</td>
<td>24</td>
<td>630</td>
<td>25</td>
</tr>
</tbody>
</table>
Kit contents
The complete (K)400LB/G elbow connector kit comprises 3 x the following components:

- Connector housing (K)400LB
- Transition contact + screw assembly 400LTS
- Insulating plug 400LBP
- Cable reducer 411CA-W

3 x (K)400LB/G-W(-X) connector kit

Ordering instructions
Select the part number which gives the best centring to the cable core insulation diameter. Add a 'K' for use up to 24 kV.

Example:
The copper wire screened cables are 24 kV, 240 mm² stranded aluminium with a diameter over core insulation of 32.2 mm.
Order 3 x K400LB/G-27 elbow connector kit.

Table W

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>3 x 400LB/G-11</td>
<td>12.0</td>
</tr>
<tr>
<td>3 x 400LB/G-15</td>
<td>16.0</td>
</tr>
<tr>
<td>3 x 400LB/G-19</td>
<td>20.0</td>
</tr>
<tr>
<td>3 x 400LB/G-22</td>
<td>23.5</td>
</tr>
<tr>
<td>3 x 400LB/G-25</td>
<td>26.5</td>
</tr>
<tr>
<td>3 x 400LB/G-27</td>
<td>28.5</td>
</tr>
</tbody>
</table>

Notes:
We do not supply the compression lugs in the standard kit. All types of cable lugs can be used. The lugs must be within the dimensions specified and the palm of the lug must be copper or any equivalent alloy.
Application
Separable tee shape connector (bolted type) designed to connect polymeric insulated cable to equipment (transformers, switchgear, motors, ...). Also connects cable to cable when using the appropriate mating parts.

Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Design
Separable connector comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Type C interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector.
6. Basic insulating plug (with VD point).
7. Cable reducer.
8. Conductive rubber cap.
10. Earthing lead.
The screen break design enables cable outer sheath testing without removing or dismantling the connector.

Specifications and standards
The 430TB separable connector meets the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Current Ir (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>430TB/G</td>
<td>12</td>
<td>630</td>
<td>800</td>
</tr>
<tr>
<td>K430TB/G</td>
<td>24</td>
<td>630</td>
<td>800</td>
</tr>
<tr>
<td>M430TB/G</td>
<td>36</td>
<td>630</td>
<td>800</td>
</tr>
</tbody>
</table>

When installed on an appropriate equipment bushing and when using a copper (-11-2) or a bolted (-12-5 or -14-5) conductor contact.

Conductor sizes (mm²)

<table>
<thead>
<tr>
<th></th>
<th>min</th>
<th>max</th>
</tr>
</thead>
<tbody>
<tr>
<td>430TB/G</td>
<td>35</td>
<td>300</td>
</tr>
<tr>
<td>K430TB/G</td>
<td>35</td>
<td>300</td>
</tr>
<tr>
<td>M430TB/G</td>
<td>50</td>
<td>240</td>
</tr>
</tbody>
</table>
**Kit contents**

The complete (K)(M)430TB/G tee connector kit comprises 3 x the following components:

- Connector housing (K)(M)430BT/G
- Clamping screw 430TCS
- Conductor contact TMBC-X
- Basic insulating plug (K)(M)300BIPA + rubber cap
- Cable reducer 430CA-WX

The kit also comprises silicone grease, field control mastic, installation rod, installation instructions and crimp chart.

---

### Ordering instructions

To order the tee connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type.

**Example:**
The cable is 24 kV, 150 mm² compact stranded copper with a diameter over core insulation of 27.5 mm.

Order 3 x K430TB/G-18-95.240-14-5 tee connector kit.

---

<table>
<thead>
<tr>
<th>Table W</th>
<th>Ordering part number</th>
<th>Voltage (Um) (kV)</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 x 430TB/G-11-X</td>
<td>12</td>
<td>min: 12.0 max: 17.5</td>
</tr>
<tr>
<td></td>
<td>3 x 430TB/G-16-X</td>
<td>12</td>
<td>min: 17.0 max: 23.5</td>
</tr>
<tr>
<td></td>
<td>3 x 430TB/G-18-X</td>
<td>19</td>
<td>min: 19.0 max: 32.6</td>
</tr>
<tr>
<td></td>
<td>3 x K430TB/G-11-X</td>
<td>24</td>
<td>min: 12.0 max: 17.5</td>
</tr>
<tr>
<td></td>
<td>3 x K430TB/G-16-X</td>
<td>24</td>
<td>min: 17.0 max: 23.5</td>
</tr>
<tr>
<td></td>
<td>3 x K430TB/G-18-X</td>
<td>24</td>
<td>min: 19.0 max: 32.6</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-11-X</td>
<td>36</td>
<td>min: 12.0 max: 17.5</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-15-X</td>
<td>36</td>
<td>min: 16.0 max: 22.0</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-19-X</td>
<td>36</td>
<td>min: 20.0 max: 26.5</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-22-X</td>
<td>36</td>
<td>min: 23.5 max: 31.0</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-25-X</td>
<td>36</td>
<td>min: 26.5 max: 32.5</td>
</tr>
<tr>
<td></td>
<td>3 x M430TB/G-27-X</td>
<td>36</td>
<td>min: 28.5 max: 37.5</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Table X</th>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(DIN hexagonal)</td>
<td>Deep indent</td>
<td>Bolted</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(K)M10-1ematic</td>
<td>(K)M10-1ematic</td>
</tr>
<tr>
<td>35</td>
<td>35(K)M10-2</td>
<td>35KMK10-1ematic</td>
<td>35(K)M10-11-2</td>
</tr>
<tr>
<td>50</td>
<td>50(K)M10-2</td>
<td>50KMK10-1ematic</td>
<td>50(K)M10-11-2</td>
</tr>
<tr>
<td>70</td>
<td>70(K)M10-2</td>
<td>70KMK10-1ematic</td>
<td>70(K)M10-11-2</td>
</tr>
<tr>
<td>95</td>
<td>95(K)M10-2</td>
<td>95KMK10-1ematic</td>
<td>95(K)M10-11-2</td>
</tr>
<tr>
<td>120</td>
<td>120(K)M10-2</td>
<td>120KMK10-1ematic</td>
<td>120(K)M10-11-2</td>
</tr>
<tr>
<td>150</td>
<td>150(K)M10-2</td>
<td>150KMK10-1ematic</td>
<td>150(K)M10-11-2</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M10-2</td>
<td>185KMK10-1ematic</td>
<td>185(K)M10-11-2</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M10-2</td>
<td>240KMK10-1ematic</td>
<td>240(K)M10-11-2</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M10-2</td>
<td>300KMK10-1ematic</td>
<td>300(K)M10-11-2</td>
</tr>
</tbody>
</table>

---

- **For use with copper tape screened cables.** Order: Kit MT.
- **For use with Alupre or C 33-226 cables.** Please contact our representative.
- **For use with easy strip semi-conductive screened cables.** Order: Field control mastic (type MFC).
- **For use with other cable types.** Please contact our representative.
- **For applications outdoors and in humid climate.** Order: +MMS.
- **When installed on an appropriate equipment bushing: 800 A continuously**
**Application**
Separable tee shape connector (bolted type) designed to connect polymeric insulated cable to equipment (transformers, switchgear, motors, ...). Also connects cable to cable when using the appropriate mating parts.

**Technical characteristics**
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

**400TB INTERFACE C TEE CONNECTOR**

- Up to 41.5 kV
  - 630 A (800 A)
  - 6/10 (12) kV
  - 6.35/11 (12) kV
  - 8.7/15 (17.5) kV
  - 12/20 (24) kV
  - 12.7/22 (24) kV
  - 18/30 (36) kV
  - 19/33 (36) kV
  - 20.8/36 (41.5) kV

**Design**
Separable connector comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer.
4. Type C - 630 A interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector.
6. Basic insulating plug (with VD point).
7. Cable reducer.
8. Conductive rubber cap.
10. Earthing lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

**Specifications and standards**
The 400TB separable connector meets the requirements of CENELEC HD 629.1 S1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400TB/G</td>
<td>12</td>
<td>630</td>
<td>35</td>
</tr>
<tr>
<td>K400TB/G</td>
<td>24</td>
<td>630</td>
<td>35</td>
</tr>
<tr>
<td>M400TB/G</td>
<td>36</td>
<td>630</td>
<td>35</td>
</tr>
<tr>
<td>P400TB/G</td>
<td>41.5</td>
<td>630</td>
<td>35</td>
</tr>
</tbody>
</table>
Kit contents
The complete (K)(M)(P)400TB/G tee connector kit comprises the following components:

Ordering instructions
To order the tee connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type. Add a 'K' for use up to 24 kV, add an 'M' for use up to 36 kV, add a 'P' for use up to 41.5 kV.

Table W

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>400TB/G-11- X</td>
<td>12.0</td>
</tr>
<tr>
<td>400TB/G-15- X</td>
<td>16.0</td>
</tr>
<tr>
<td>400TB/G-19- X</td>
<td>20.0</td>
</tr>
<tr>
<td>400TB/G-22- X</td>
<td>23.5</td>
</tr>
<tr>
<td>400TB/G-25- X</td>
<td>26.5</td>
</tr>
<tr>
<td>400TB/G-27- X</td>
<td>28.5</td>
</tr>
</tbody>
</table>

Table X

<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>35</td>
<td>35(K)M-10-2</td>
<td>35KM-10-1</td>
</tr>
<tr>
<td>50</td>
<td>50(K)M-10-2</td>
<td>50KM-10-1</td>
</tr>
<tr>
<td>70</td>
<td>70(K)M-10-2</td>
<td>70KM-10-1</td>
</tr>
<tr>
<td>95</td>
<td>95(K)M-10-2</td>
<td>95KM-10-1</td>
</tr>
<tr>
<td>120</td>
<td>120(K)M-10-2</td>
<td>120KM-10-1</td>
</tr>
<tr>
<td>150</td>
<td>150(K)M-10-2</td>
<td>150KM-10-1</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-10-2</td>
<td>185KM-10-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-10-2</td>
<td>240KM-10-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-10-2</td>
<td>–</td>
</tr>
</tbody>
</table>

Example:
The copper wire screened cable is 36 kV, 150 mm² stranded copper with a diameter over core insulation of 32.5 mm. Order a M400TB/G-27-150(K) M-11-2 tee connector kit.

For use with copper tape screened cables. Order: Kit MT.
For applications outdoors and in humid climate. Order: +MWS.
For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.
Components can be ordered individually.
When installed on an appropriate equipment bushing: 800 A continuously

Euromold
a Nexans company
**Application**
Separable tee shape connector (bolted type) designed to connect polymeric insulated cable to equipment (transformers, switchgear, motors, ...). Also connects cable to cable when using the appropriate mating parts.

**Technical characteristics**
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

**Design**
Separable connector comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Type C interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector.
6. Basic insulating plug (with VD point).
7. Cable reducer.
8. Conductive rubber cap.
10. Earthing lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

**Specifications and standards**
The 434TB separable connector meets the test requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Conductors sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>434TB/G</td>
<td>12</td>
<td>up to 1250</td>
<td>Cable with reduced core insulation thickness</td>
</tr>
<tr>
<td>K434TB/G</td>
<td>24</td>
<td>up to 1250</td>
<td>185 800 185 800</td>
</tr>
<tr>
<td>M434TB/G</td>
<td>36</td>
<td>up to 1250</td>
<td>185 800 185 800</td>
</tr>
</tbody>
</table>
**Kit contents**

The complete (K)(M)434TB/G tee connector kit comprises the following components:

- Connector housing (K)(M)434BT/G
- Clamping screw 430TCS
- Conductor contact TMBC-X
- Conductor contact TBC-X
- Basic insulating plug (K)(M)300BIPA + rubber cap
- Cable reducer 611CA-W

The kit also comprises silicone grease, field control mastic, installation instructions and crimp chart.

**Ordering instructions**

To order the tee connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type. Add a ‘K’ for use up to 24 kV, add an ‘M’ for use up to 36 kV.

**Example:**

The copper wire screened cable is 36 kV, 240 mm² stranded aluminium with a diameter over core insulation of 37.0 mm. Order a M434TB/G-32-240(K)M-12-2 tee connector kit.

---

**Table W**

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>434TB/G-22-X</td>
<td>23.5</td>
</tr>
<tr>
<td>434TB/G-27-X</td>
<td>28.5</td>
</tr>
<tr>
<td>434TB/G-32-X</td>
<td>34.0</td>
</tr>
<tr>
<td>434TB/G-37-X</td>
<td>39.0</td>
</tr>
<tr>
<td>434TB/G-43-X</td>
<td>45.5</td>
</tr>
</tbody>
</table>

**Table X**

<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-12-2</td>
<td>185(K)M-12-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-12-2</td>
<td>240(K)M-12-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-12-2</td>
<td>300(K)M-12-1</td>
</tr>
<tr>
<td>400</td>
<td>400(K)M-12-2</td>
<td>400(K)M-12-1</td>
</tr>
<tr>
<td>500</td>
<td>500(K)M-12-2</td>
<td>500(K)M-12-1</td>
</tr>
<tr>
<td>630</td>
<td>630(K)M-12-2</td>
<td>630(K)M-12-1</td>
</tr>
<tr>
<td>800</td>
<td>800(K)M-12-2</td>
<td>800(K)M-12-1</td>
</tr>
</tbody>
</table>

---

For use with copper tape screened cables. Order: Kit MT.

For use with other cable types. Please contact our representative.

For use with Alupex or C 33-226 cables. Please contact our representative.

For applications outdoors and in humid climate. Order: +MWS.

Components can be ordered individually.

When installed on an appropriate equipment bushing: 1250 A continuously.
Application
Separable tee shape connector (bolted type) designed to connect polymeric insulated cable to equipment (transformers, switchgear, motors, ...). Also connects cable to cable when using the appropriate mating parts.

Technical characteristics
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Design
Separable connector comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Type C - 630 A interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector.
6. Basic insulating plug (with VD point).
7. Cable reducer.
8. Conductive rubber cap.
10. Earthing lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

Specifications and standards
The 440TB separable connector meets the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Current Ir (A)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>When installed on an appropriate equipment bushing</td>
<td>min</td>
<td>max</td>
</tr>
<tr>
<td>440TB/G</td>
<td>12</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
<tr>
<td>K440TB/G</td>
<td>24</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
<tr>
<td>M440TB/G</td>
<td>36</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
<tr>
<td>P440TB/G</td>
<td>41.5</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
</tbody>
</table>
Kit contents
The complete (K)(M)(P)440TB/G tee connector kit comprises the following components:

![Connector housing](image1) + ![Clamping screw](image2) + ![Conductor contact TMBC-X](image3) + ![Basic insulating plug](image4) + ![Cable reducer](image5) = (K)(M)(P)440TB/G-W-X connector kit

Ordering instructions
To order the tee connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type. Add a ‘K’ for use up to 24 kV, add an ‘M’ for use up to 36 kV, add a ‘P’ for use up to 41.5 kV.

Example:
The copper wire screened cable is 36 kV, 240 mm² stranded aluminium with a diameter over core insulation of 37.0 mm. Order a M440TB/G-32-240(K) M-12-2 tee connector kit.

Table W
<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>440TB/G-22-X</td>
<td>23.5</td>
</tr>
<tr>
<td>440TB/G-27-X</td>
<td>28.5</td>
</tr>
<tr>
<td>440TB/G-32-X</td>
<td>34.0</td>
</tr>
<tr>
<td>440TB/G-37-X</td>
<td>39.0</td>
</tr>
<tr>
<td>440TB/G-43-X</td>
<td>45.5</td>
</tr>
</tbody>
</table>

Table X
<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-12-2</td>
<td>185KM-12-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-12-2</td>
<td>240KM-12-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-12-2</td>
<td>300KM-12-1</td>
</tr>
<tr>
<td>400</td>
<td>400(K)M-12-2</td>
<td>400KM-12-1</td>
</tr>
<tr>
<td>500</td>
<td>500(K)M-12-2</td>
<td>500KM-12-1</td>
</tr>
<tr>
<td>630</td>
<td>630KM-12-1</td>
<td>630(K)M-11-2</td>
</tr>
</tbody>
</table>

- For use with copper tape screened cables. Order: Kit MT.
- For use with other cable types. Please contact our representative.
- For applications outdoors and in humid climate. Order: +MWS.
- For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.
- Components can be ordered individually.
- When installed on an appropriate equipment bushing: 1250 A continuously

Euromold
a Nexans company
Application
Separable coupling connector (bolted type) for dual cable arrangement. It has been designed to be used with 430TB separable Tee connector.

Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Design
1. Interface designed to fit 430TB connector.
2. Bus for 300PBM.
3. Conductive EPDM insert.
4. Insulating EPDM layer moulded between the insert and the jacket.
5. Conductive EPDM jacket.
6. Conductive EPDM cap.
7. Basic insulating plug (with VD point).
8. Conductor connector (hexagonal crimping, deep indent crimping or bolted).
9. Cable reducer.
10. Earthling lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

Specifications and standards
The 300PBM coupling connector meets the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A) Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300PBM/G</td>
<td>12</td>
<td>630 35 300</td>
</tr>
<tr>
<td>K300PBM/G</td>
<td>24</td>
<td>630 35 300</td>
</tr>
<tr>
<td>M300PBM/G</td>
<td>36</td>
<td>630 50 240</td>
</tr>
</tbody>
</table>
Kit contents
The complete (K)(M)300PBM/G coupling connector kit comprises 3 x the following components:

- Connector housing (K)(M)300BP/G
- Contact rod 300PB-CR
- Conductor contact TMBC-X
- Conductor contact TBC-X

The kit also comprises silicone grease, field control mastic, installation rod, installation instructions and crimp chart.

Ordering instructions
To order the coupling connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute \( X \) using Table X, according to your conductor size and type.

Example:
The cable is 24 kV, 150 mm\(^2\) compact stranded copper with a diameter over core insulation of 27.5 mm.
Order 3 x K300PBM/G-18-95.240-14-5 coupling connector kit.

**Table W**

<table>
<thead>
<tr>
<th>Ordering number</th>
<th>Voltage ((Um)) ((kV))</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 300PBM/G-11-X</td>
<td>12</td>
<td>12.0 – 17.5</td>
</tr>
<tr>
<td>3 x 300PBM/G-16-X</td>
<td>12</td>
<td>17.0 – 23.5</td>
</tr>
<tr>
<td>3 x 300PBM/G-18-X</td>
<td>12</td>
<td>19.0 – 32.6</td>
</tr>
<tr>
<td>3 x K300PBM/G-11-X</td>
<td>24</td>
<td>12.0 – 17.5</td>
</tr>
<tr>
<td>3 x K300PBM/G-16-X</td>
<td>24</td>
<td>17.0 – 23.5</td>
</tr>
<tr>
<td>3 x K300PBM/G-18-X</td>
<td>24</td>
<td>19.0 – 32.6</td>
</tr>
<tr>
<td>3 x M300PBM/G-11-X</td>
<td>36</td>
<td>12.0 – 17.5</td>
</tr>
<tr>
<td>3 x M300PBM/G-15-X</td>
<td>36</td>
<td>16.0 – 22.0</td>
</tr>
<tr>
<td>3 x M300PBM/G-19-X</td>
<td>36</td>
<td>20.0 – 26.5</td>
</tr>
<tr>
<td>3 x M300PBM/G-22-X</td>
<td>36</td>
<td>23.5 – 31.0</td>
</tr>
<tr>
<td>3 x M300PBM/G-25-X</td>
<td>36</td>
<td>26.5 – 32.5</td>
</tr>
<tr>
<td>3 x M300PBM/G-27-X</td>
<td>36</td>
<td>28.5 – 37.5</td>
</tr>
</tbody>
</table>

**Table X**

<table>
<thead>
<tr>
<th>Conductor sizes ((mm(^2)))</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td></td>
<td>35(K)M-10-2</td>
<td>35KM-10-1</td>
</tr>
<tr>
<td></td>
<td>50(K)M-10-2</td>
<td>50KM-10-1</td>
</tr>
<tr>
<td></td>
<td>70(K)M-10-2</td>
<td>70KM-10-1</td>
</tr>
<tr>
<td></td>
<td>95(K)M-10-2</td>
<td>95KM-10-1</td>
</tr>
<tr>
<td></td>
<td>120(K)M-10-2</td>
<td>120KM-10-1</td>
</tr>
<tr>
<td></td>
<td>150(K)M-10-2</td>
<td>150KM-10-1</td>
</tr>
<tr>
<td></td>
<td>185(K)M-10-2</td>
<td>185KM-10-1</td>
</tr>
<tr>
<td></td>
<td>240(K)M-10-2</td>
<td>240KM-10-1</td>
</tr>
<tr>
<td></td>
<td>300(K)M-10-2</td>
<td>–</td>
</tr>
</tbody>
</table>

For use with copper tape screened cables. Order: Kit MT.
For use with fabric tape (graphite) screened cables. Order additional semi-conductive tape (type TSC).
For use with easy strip semi-conductive screened cables. Order: Field control mastic (type MFC).
For use with copper wire screened cables. No earthing device is necessary.
For use with other cable types. Please contact our representative.
For outdoor applications. Order: +MWS.

Euromold a Nexans company
**Application**
Separable connectors (bolted type) for dual (P2) and triple (P3) cable arrangements.

**Technical characteristics**
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

**Design**
1. Type C interface as described by CENELEC EN 50180 and 50181.
2. Bus for 300PBM.
3. Conductive EPDM insert.
4. Insulating EPDM layer moulded between the insert and the jacket.
5. Conductive EPDM jacket.
6. Conductive EPDM cap.
7. Basic insulating plug (with VD point).
8. Conductor connector.
9. Cable reducer.
10. Earthing lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

**Specifications and standards**
The 430TBM-P2/P3 connectors meet the requirements of CENELEC HD 629.1.

---

**430TBM-P2/P3**
DUAL/TRIPLE CABLE ARRANGEMENT FOR 430TB CONNECTOR

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>VoltageUm (kV)</th>
<th>CurrentIr (A)</th>
<th>Current Ir (A)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>430TBM-P2/P3</td>
<td>12</td>
<td>630</td>
<td>1250</td>
<td>35 - 300</td>
</tr>
<tr>
<td>K430TBM-P2/P3</td>
<td>24</td>
<td>630</td>
<td>1250</td>
<td>35 - 300</td>
</tr>
<tr>
<td>M430TBM-P2/P3</td>
<td>36</td>
<td>630</td>
<td>1250</td>
<td>50 - 240</td>
</tr>
</tbody>
</table>
**Kit contents**
The complete (K)(M)430TBM-P2 connector kit comprises 3 x the following components:

1. From table **W**: select the symbol which gives the best centring of your core insulation diameter.
2. From table **X**: according to your conductor size and type, select the designation which completes the part number.

**Ordering instructions**
To order the separable connectors for dual cable arrangement, use the tables beside to substitute for **W** and **X** in the formula:

3 x 430TBM-P2- **W** **X**, for use up to 12 kV.
Add a ‘K’ for use up to 24 kV: 3 x K430TBM-P2- **W** **X**.
Add an ‘M’ for use up to 36 kV: 3 x M430TBM-P2- **W** **X**.

For triple cable arrangement:
3 x 430TBM-P3- **W** **X**, for use up to 12 kV.
Add a ‘K’ for use up to 24 kV: 3 x K430TBM-P3- **W** **X**.
Add an ‘M’ for use up to 36 kV: 3 x M430TBM-P3- **W** **X**.

Example:
The two cables are 24 kV, 150 mm² stranded aluminium with a diameter over core insulation of 27.5 mm. Order 3 x K430TBM-P2-22-150(K)M-10-2.

---

**Table W**

<table>
<thead>
<tr>
<th>Dia. over core insulation (mm)</th>
<th><strong>W</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>min</td>
<td>max</td>
</tr>
<tr>
<td>12.0</td>
<td>17.5</td>
</tr>
<tr>
<td>16.0</td>
<td>22.0</td>
</tr>
<tr>
<td>20.0</td>
<td>26.5</td>
</tr>
<tr>
<td>23.5</td>
<td>31.0</td>
</tr>
<tr>
<td>26.5</td>
<td>32.5</td>
</tr>
<tr>
<td>28.5</td>
<td>37.5</td>
</tr>
</tbody>
</table>

**Table X**

<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>35</td>
<td>35(K)M-10-2</td>
<td>35KM-10-1</td>
</tr>
<tr>
<td>50</td>
<td>50(K)M-10-2</td>
<td>50KM-10-1</td>
</tr>
<tr>
<td>70</td>
<td>70(K)M-10-2</td>
<td>70KM-10-1</td>
</tr>
<tr>
<td>95</td>
<td>95(K)M-10-2</td>
<td>95KM-10-1</td>
</tr>
<tr>
<td>120</td>
<td>120(K)M-10-2</td>
<td>120KM-10-1</td>
</tr>
<tr>
<td>150</td>
<td>150(K)M-10-2</td>
<td>150KM-10-1</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-10-2</td>
<td>185KM-10-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-10-2</td>
<td>240KM-10-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-10-2</td>
<td>–</td>
</tr>
</tbody>
</table>

---

For use with copper tape screened cables. Order: Kit MT.

For use with Alupe or C 33-226 cables. Please contact our representative.

For use with other cable types. Please contact our representative.

For use with easy strip semi-conductive screened cables. Order: Field control mastic (type MFC).

For applications outdoors and in humid climate. Order: +MWS.

When installed on an appropriate equipment bushing: 1250 A continuously.

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Euromold
a Nexans company
Application
Separable coupling connector (bolted type) for dual cable arrangement. It has been designed to be used with 440TB separable Tee connector.

Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Design
1. Interface designed to fit 440TB connector.
2. Bus for 440PBM.
3. Conductive EPDM insert.
4. Insulating EPDM layer moulded between the insert and the jacket.
5. Conductive EPDM jacket.
6. Conductive EPDM cap.
7. Basic insulating plug.
8. Conductor connector (hexagonal crimping, deep indent crimping or bolted).
9. Cable reducer.
10. Earthing lead.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

Specifications and standards
The 440PBM coupling connector meets the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Current Ir (A) When installed on an appropriate equipment bushing</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>440PBM/G</td>
<td>12</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
<tr>
<td>K440PBM/G</td>
<td>24</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
<tr>
<td>M440PBM/G</td>
<td>36</td>
<td>630</td>
<td>1250</td>
<td>185 630</td>
</tr>
</tbody>
</table>
**Kit contents**

The complete (K)(M)440PBM/G coupling connector kit comprises 3 x the following components:

- Connector housing (K)(M)440BP/G
- Contact rod 440PB-CR + M16 stud
- Conductor contact TMBC-X
- Conductor contact TBC-X
- Cable reducer 611CA.W

The kit also comprises silicone grease, field control mastic, installation rod, installation instructions and crimp chart.

**Ordering instructions**

To order the coupling connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type. Add a ‘K’ for use up to 24 kV, add an ‘M’ for use up to 36 kV.

**Example:**
The copper wire screened cable is 36 kV, 240 mm² stranded aluminium with a diameter over core insulation of 37.0 mm. Order 3 x M440PB/G-32-240(K)M-12-2 coupling connector kit.

**Table W**

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>3 x 440PBM/G-22-X</td>
<td>23.5</td>
</tr>
<tr>
<td>3 x 440PBM/G-27-X</td>
<td>28.5</td>
</tr>
<tr>
<td>3 x 440PBM/G-32-X</td>
<td>34.0</td>
</tr>
<tr>
<td>3 x 440PBM/G-37-X</td>
<td>39.0</td>
</tr>
<tr>
<td>3 x 440PBM/G-43-X</td>
<td>45.5</td>
</tr>
</tbody>
</table>

**Table X**

<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-12-2</td>
<td>185KM-12-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-12-2</td>
<td>240KM-12-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-12-2</td>
<td>300KM-12-1</td>
</tr>
<tr>
<td>400</td>
<td>400(K)M-12-2</td>
<td>400KM-12-1</td>
</tr>
<tr>
<td>500</td>
<td>500(K)M-12-2</td>
<td>500KM-12-1</td>
</tr>
<tr>
<td>630</td>
<td>–</td>
<td>630KM-12-1</td>
</tr>
</tbody>
</table>
Application
Separable connectors (bolted type) for dual cable arrangements.

Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Design
1. Type C interface as described by CENELEC EN 50180 and 50181.
2. Bus for 440PB.
3. Conductive EPDM insert.
4. Insulating EPDM layer moulded between the insert and the jacket.
5. Conductive EPDM jacket.
6. Conductive EPDM cap.
7. Basic insulating plug (with VD point).
8. Conductor connector.
9. Cable reducer.
10. Earthing lead.
11. Threaded M16 stud for the equipment bushing.

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

Specifications and standards
The 434TBM-P2 connectors meet the requirements of CENELEC HD 629.1.

<table>
<thead>
<tr>
<th>Separable connector type</th>
<th>Voltage Um (kV)</th>
<th>Current Ir (A)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>434TBM-P2</td>
<td>12</td>
<td>630</td>
<td>185 - 630</td>
</tr>
<tr>
<td>K434TBM-P2</td>
<td>24</td>
<td>630</td>
<td>185 - 630</td>
</tr>
<tr>
<td>M434TBM-P2</td>
<td>36</td>
<td>630</td>
<td>185 - 630</td>
</tr>
</tbody>
</table>

Current Ir (A) When installed on an appropriate equipment bushing and when using a copper (-11-2) or a bolted (-12-5 or -14-5) conductor contact.
Kit contents
The complete (K)(M)434TBM-P2 connector kit comprises 3 x the following components:

- 300BIPA basic insulating plug
- 434TB tee connector
- 440PB coupling connector

In mm.

Ordering instructions
To order the coupling connector, select the ordering part number which gives you the best centring of your core insulation diameter and substitute X using table X, according to your conductor size and type. Add a ‘K’ for use up to 24 kV, add an ‘M’ for use up to 36 kV.

Example:
The copper wire screened cable is 36 kV, 240 mm² stranded aluminium with a diameter over core insulation of 37.0 mm. Order 3 x M434TBM-P2-32-240(K)M-12-2 coupling connector kit.

Table W

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Dia. over core insulation (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min</td>
</tr>
<tr>
<td>3 x 434TBM-P2-22 X</td>
<td>23.5</td>
</tr>
<tr>
<td>3 x 434TBM-P2-27 X</td>
<td>28.5</td>
</tr>
<tr>
<td>3 x 434TBM-P2-32 X</td>
<td>34.0</td>
</tr>
<tr>
<td>3 x 434TBM-P2-37 X</td>
<td>39.0</td>
</tr>
<tr>
<td>3 x 434TBM-P2-43 X</td>
<td>45.5</td>
</tr>
</tbody>
</table>

Table X

<table>
<thead>
<tr>
<th>Conductor sizes (mm²)</th>
<th>Aluminium conductor</th>
<th>Copper conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN hexagonal</td>
<td>Deep indent</td>
</tr>
<tr>
<td>185</td>
<td>185(K)M-12-2</td>
<td>185KM-12-1</td>
</tr>
<tr>
<td>240</td>
<td>240(K)M-12-2</td>
<td>240KM-12-1</td>
</tr>
<tr>
<td>300</td>
<td>300(K)M-12-2</td>
<td>300KM-12-1</td>
</tr>
<tr>
<td>400</td>
<td>400(K)M-12-2</td>
<td>400KM-12-1</td>
</tr>
<tr>
<td>500</td>
<td>500(K)M-12-2</td>
<td>500KM-12-1</td>
</tr>
<tr>
<td>630</td>
<td>630(K)M-12-1</td>
<td>630KM-12-1</td>
</tr>
</tbody>
</table>

For use with copper tape screened cables:
Order: Kit MT.

For use with Alupe or C 33-226 cables:
Please contact our representative.

For use with other cable types:
Please contact our representative.

For use with easy strip semi-conductive screened cables:
Order: Field control mastic (type MFC).

For applications outdoors and in humid climate:
Order: +MWS.

When installed on an appropriate equipment bushing:
1250 A continuously.
Application
For use in equipment insulated with oil fluid, typically for transformers, switchgear, capacitors...

Technical characteristics
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

Specifications and standards
The bolted type equipment bushings 400AR-3 are moulded epoxy insulated parts and meet the requirements of CENELEC EN 50180 and IEC 60137.

Ordering instructions
To order the equipment bushing, specify the type. The bushings can be supplied with an earth jumper (/J).
E.g. M400AR-3/J.
For use in potentially explosive atmospheres (for 12 kV max), order: 400AR-3/ATEX.

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400AR-3</td>
<td>12</td>
<td>630</td>
</tr>
<tr>
<td>K400AR-3</td>
<td>24</td>
<td>630</td>
</tr>
<tr>
<td>M400AR-3</td>
<td>36</td>
<td>630</td>
</tr>
</tbody>
</table>
**400AR-3/J Bushing**

- Bushing interface
- Fixing studs
- Fixing flange B DIN 42 538
- E DIN 42 538 stud clamp
- Equipment
- Sealing gasket
- Equipment connection
- Earth jumper

**Bushing clamping kit**

To order the bushing clamping kit, according to DIN 42 538 standards, simply specify KBCD-400B.

Contents:
- 1 x fixing flange B
- 6 x stud clamp E
- 1 x sealing gasket.

**Fixing dimensions standards DIN 42 538**

German standards.

---

In mm.
**Application**
For use in equipment insulated with oil fluid, typically for transformers, switchgear, capacitors...

**Technical characteristics**
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

**Specifications and standards**
The bolted type equipment bushings 400AR-4 are moulded epoxy insulated parts and meet the requirements of CENELEC EN 50180 and IEC 60137.

**Ordering instructions**
To order the equipment bushing, specify the type. The bushings can be supplied with an earth jumper (/J) or an earth plate (/GS). This earth connection must be specified when ordering. E.g. M400AR-4/GS.

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400AR-4</td>
<td>12</td>
<td>1250</td>
</tr>
<tr>
<td>K400AR-4</td>
<td>24</td>
<td>1250</td>
</tr>
<tr>
<td>M400AR-4</td>
<td>36</td>
<td>1250</td>
</tr>
</tbody>
</table>
**400AR-4/GS Bushing**

- Bushing interface
- Fixing studs
- NF C 52-053 claw clamp
- F DIN 42 538 stud clamp
- Equipment
- Sealing gasket
- Equipment connection

**Bushing clamping kit**

To order the bushing clamping kit, according to NFC 52-053 standards, simply specify KBCNF-400.

Contents:
- 4 x claw clamp NF
- 1 x sealing gasket

**Fixing dimensions**

Standards NF C 52-053

French standards.

- M10 or M12
- 50 to 70
- 25
- 4 fixing studs
- Dia. 105
- Dia. 171

---

**400AR-4/J Bushing**

- Bushing interface
- Fixing studs
- NF C 52-053 claw clamp
- F DIN 42 538 stud clamp
- Equipment
- Sealing gasket
- Equipment connection

**Bushing clamping kit**

To order the bushing clamping kit with DIN style fixing flange, simply specify KBCDS-400.

Contents:
- 1 x fixing flange DIN style
- 6 x stud clamp F DIN 42 538
- 1 x sealing gasket

**Fixing dimensions**

- M10
- 60
- 35
- 6 fixing studs
- Dia. 105
- Dia. 171

---

Euromold

a Nexans company

25
**Application**
For use in equipment insulated with oil fluid, typically for transformers, switchgear, capacitors...

**Technical characteristics**
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

**Specifications and standards**
The bolted type equipment bushings 400AR-5 are moulded epoxy insulated parts and meet the requirements of CENELEC EN 50180 and IEC 60137.

**Ordering instructions**
To order the equipment bushing, specify the type. The bushings can be supplied with an earth jumper (/J) or an earth plate (/GS). This earth connection must be specified when ordering.
E.g. M400AR-5/GS.

---

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400AR-5</td>
<td>12</td>
<td>1250</td>
</tr>
<tr>
<td>K400AR-5</td>
<td>24</td>
<td>1250</td>
</tr>
<tr>
<td>M400AR-5</td>
<td>36</td>
<td>1250</td>
</tr>
</tbody>
</table>

In mm.
Bushing clamping kit
To order the bushing clamping kit, according to NFC 52-053 standards, simply specify KBCNF-400.
Contents: - 4 x claw clamp NF - 1 x sealing gasket.

Fixing dimensions
standards NF C 52-053
French standards.

M10 or M12
50 to 70
25
4 fixing studs
Dia. 105
Dia. 171

Bushing clamping kit
To order the bushing clamping kit with DIN style fixing flange, simply specify KBCDS-400.
Contents: - 1 x fixing flange DIN style - 6 x stud clamp F DIN 42 538 - 1 x sealing gasket.

Fixing dimensions

Euromold
a Nexans company
**Application**
For use in equipment insulated with oil fluid, typically for transformers, switchgear, capacitors...

**Technical characteristics**
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

**Specifications and standards**
The bolted type equipment bushings 400AR-6 are moulded epoxy insulated parts and meet the requirements of CENELEC EN 50180 and IEC 60137.

**Ordering instructions**
To order the equipment bushing, specify the type. The bushings can be supplied with an earth jumper (/J). This earth connection must be specified when ordering. E.g. M400AR-6/J.

---

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400AR-6</td>
<td>12</td>
<td>630</td>
</tr>
<tr>
<td>K400AR-6</td>
<td>24</td>
<td>630</td>
</tr>
<tr>
<td>M400AR-6</td>
<td>36</td>
<td>630</td>
</tr>
</tbody>
</table>
400AR-6/J Bushing

Bushing clamping kit
To order the bushing clamping kit, according to DIN 42 538 standards, simply specify KBCD-400B.
Contents:
- 1 x fixing flange B
- 6 x stud clamp E
- 1 x sealing gasket.

Fixing dimensions standards DIN 42 538
German standards.

In mm.
Application
For use in equipment insulated with SF₆ gas.

Technical characteristics
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

Design
The equipment bushing is a moulded epoxy insulated part with a connector interface in accordance with CENELEC EN 50180. The 400SFR-B bushing has a shank outside this standard, adapted to use in SF₆ gas.

Specifications and standards
The bolted type equipment bushing 400SFR-B meets the requirements of CENELEC EN 50180 and IEC 60137.

Ordering instructions
To order the equipment bushing, simply specify the type.

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
<th>Dia. D (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400SFR-B</td>
<td>12</td>
<td>630</td>
<td>25</td>
</tr>
<tr>
<td>K400SFR-B</td>
<td>24</td>
<td>630</td>
<td>25</td>
</tr>
<tr>
<td>M400SFR-B</td>
<td>36</td>
<td>630</td>
<td>25</td>
</tr>
<tr>
<td>400SFR-B 1250 A</td>
<td>12</td>
<td>1250</td>
<td>32</td>
</tr>
<tr>
<td>K400SFR-B 1250 A</td>
<td>24</td>
<td>1250</td>
<td>32</td>
</tr>
<tr>
<td>M400SFR-B 1250 A</td>
<td>36</td>
<td>1250</td>
<td>32</td>
</tr>
</tbody>
</table>
400SFR-B Bushing for gas insulated switchgear

**UNMOUNTED**

- Dia. 91.5
- Dia. 103.1

**MOUNTED**

- equipment
- bushing interface
- 6 fixing screws M6
- sealing O-ring gasket
- earth connection M4
**Application**
For use in equipment insulated with air, typically for dry type transformers, motors, switchgear, capacitors...

**Technical characteristics**
Each bushing is tested for AC withstand and partial discharge prior to leaving the factory.

**Specifications and standards**
The bolted type equipment bushings 400A-24B are moulded epoxy insulated parts and meet the requirements of CENELEC EN 50180, IEC 60071 and IEC 60137.

**Ordering instructions**
To order the equipment bushing, specify the type. The bushings are supplied with an earth jumper. To include the ring clamp, add:
- /B, if per British standards
- /D, if per German standards
- /F, if per French standards.
E.g. 400A-24B/D.
For use in potentially explosive atmospheres (for 12 kV max), order: -/ATEX.

### Equipment bushing type

<table>
<thead>
<tr>
<th>Equipment bushing type</th>
<th>Voltage Ur (kV)</th>
<th>Current Ir (A)</th>
<th>Creepage distance A-B (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400A-24B</td>
<td>12</td>
<td>630</td>
<td>520</td>
</tr>
<tr>
<td>400A-24B</td>
<td>24</td>
<td>630</td>
<td>520</td>
</tr>
</tbody>
</table>
400A-24B In-air bushing

Fixing dimensions
standards DIN 42 538
German standards.

Fixing dimensions
standards NF C 52-053
French standards.
Application
Surge arrester designed to protect 12, 24 and 36 kV class components, including transformers, equipment, cable and accessories from high voltage surges resulting from lightning or switching. It has been designed to be used with the 430TB or 434TB separable tee connector.

Technical characteristics
- This surge arrester is a metal oxide varistor surge arrester in an elbow configuration.
- Each arrester is tested for AC withstand, partial discharge and critical voltage prior to leaving the factory.

Design
Surge arrester comprising:
1. Interface designed to fit the 430TB/G or 434TB/G tee connector.
2. Conductive EPDM insert.
3. Conductive EPDM jacket.
4. Insulating EPDM layer moulded between the insert and the jacket.
5. Receptacle for contact rod.
7. Steel cap.
8. Earth connection.
9. Earth lead.

Specifications and standards
The 300SA surge arresters meet the test requirements of IEC 60099-4.

### Table 1: Surge arrester specifications

<table>
<thead>
<tr>
<th>Surge arrester type</th>
<th>Nominal discharge current In (kA)</th>
<th>Rated voltage Ur (kV)</th>
<th>Max. continuous operating voltage Uc (kV)</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L1</td>
</tr>
<tr>
<td>300SA-10-15N</td>
<td>10</td>
<td>15</td>
<td>12.0</td>
<td>230</td>
</tr>
<tr>
<td>300SA-10-18N</td>
<td>10</td>
<td>18</td>
<td>14.4</td>
<td>230</td>
</tr>
<tr>
<td>300SA-10-22N</td>
<td>10</td>
<td>22</td>
<td>17.6</td>
<td>320</td>
</tr>
<tr>
<td>300SA-10-24N</td>
<td>10</td>
<td>24</td>
<td>19.2</td>
<td>320</td>
</tr>
<tr>
<td>300SA-10-30N</td>
<td>10</td>
<td>30</td>
<td>24.0</td>
<td>320</td>
</tr>
<tr>
<td>300SA-10-36N</td>
<td>10</td>
<td>36</td>
<td>28.8</td>
<td>320</td>
</tr>
<tr>
<td>300SA-10-45N</td>
<td>10</td>
<td>45</td>
<td>36.0</td>
<td>430</td>
</tr>
</tbody>
</table>
## Typical application and dimensions

![Surge arrester diagram](image)

- 290 mm
- 180 mm
- 107 mm

Type 430TB or 434TB tee connector

Type 300SA surge arrester

## Ordering instructions

To order the surge arrester, specify the surge arrester type, as described on previous page.

**Example:**

For a maximum continuous operating voltage (r.m.s.) of 24 kV and a nominal discharge current of 10 kA.

Order a 300SA-10-30N surge arrester.

## Technical data

<table>
<thead>
<tr>
<th>Surge arrester type</th>
<th>Steep current residual voltage @ 10 kA [1/20 μs] (kV)</th>
<th>Lightning current residual voltage [8/20 μs] (kV)</th>
<th>Switching impulse residual voltage [36/90 μs] (kV)</th>
<th>High current impulse withstand (kA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>@ 5 kA</td>
<td>@ 10 kA</td>
<td>@ 20 kA</td>
<td>@ 125 A</td>
</tr>
<tr>
<td>300SA-10-15N</td>
<td>48.1</td>
<td>39.7</td>
<td>43.2</td>
<td>48.4</td>
</tr>
<tr>
<td>300SA-10-18N</td>
<td>58.1</td>
<td>48.0</td>
<td>52.2</td>
<td>58.5</td>
</tr>
<tr>
<td>300SA-10-22N</td>
<td>70.1</td>
<td>57.9</td>
<td>63.0</td>
<td>70.6</td>
</tr>
<tr>
<td>300SA-10-24N</td>
<td>77.0</td>
<td>63.6</td>
<td>69.2</td>
<td>77.6</td>
</tr>
<tr>
<td>300SA-10-30N</td>
<td>97.0</td>
<td>80.1</td>
<td>87.2</td>
<td>97.7</td>
</tr>
<tr>
<td>300SA-10-36N</td>
<td>115.9</td>
<td>95.7</td>
<td>104.2</td>
<td>116.8</td>
</tr>
<tr>
<td>300SA-10-45N</td>
<td>144.1</td>
<td>119.0</td>
<td>129.5</td>
<td>145.1</td>
</tr>
</tbody>
</table>
Application
Surge arrester designed to protect medium voltage components, including transformers, equipment, cable and accessories from high voltage surges resulting from lightning or switching.

Technical characteristics
- This surge arrester is a metal oxide varistor surge arrester in an elbow configuration.
- Each arrester is tested for AC withstand, partial discharge and critical voltage prior to leaving the factory.

Design
Surge arrester comprising:
1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Contact rod.
5. Earthing lead.
6. Earth connection.
7. Steel cap.
8. Metal oxide valve elements.
9. Type C - 630 A interface as described by CENELEC EN 50180 and 50181.

Specifications and standards
The 400PB-XSA surge arresters meet the test requirements of IEC 60099-4.

### Technical characteristics

**400PB-XSA INTERFACE C SURGE ARRESTER**

- **Up to 36 kV**
  - 6/10 (12) kV
  - 6.35/11 (12) kV
  - 8.7/15 (17.5) kV
  - 12/20 (24) kV
  - 12.7/22 (24) kV
  - 18/30 (36) kV
  - 19/33 (36) kV

#### Surge arrester type

<table>
<thead>
<tr>
<th>Surge arrester type</th>
<th>Nominal discharge current In (kA)</th>
<th>Rated voltage Ur (kV)</th>
<th>Max. continuous operating voltage Uc (kV)</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L1</td>
</tr>
<tr>
<td>400PB-5SA-15L</td>
<td>5</td>
<td>15</td>
<td>12.0</td>
<td>250</td>
</tr>
<tr>
<td>400PB-5SA-18L</td>
<td>5</td>
<td>18.4</td>
<td>14.4</td>
<td>250</td>
</tr>
<tr>
<td>400PB-5SA-22L</td>
<td>5</td>
<td>22</td>
<td>17.6</td>
<td>350</td>
</tr>
<tr>
<td>400PB-5SA-24L</td>
<td>5</td>
<td>24</td>
<td>19.2</td>
<td>350</td>
</tr>
<tr>
<td>400PB-5SA-30L</td>
<td>5</td>
<td>30</td>
<td>24.0</td>
<td>350</td>
</tr>
<tr>
<td>400PB-10SA-15N</td>
<td>10</td>
<td>15</td>
<td>12.0</td>
<td>250</td>
</tr>
<tr>
<td>400PB-10SA-18N</td>
<td>10</td>
<td>18</td>
<td>14.0</td>
<td>250</td>
</tr>
<tr>
<td>400PB-10SA-22N</td>
<td>10</td>
<td>22</td>
<td>17.6</td>
<td>350</td>
</tr>
<tr>
<td>400PB-10SA-24N</td>
<td>10</td>
<td>24</td>
<td>19.2</td>
<td>350</td>
</tr>
<tr>
<td>400PB-10SA-30N</td>
<td>10</td>
<td>30</td>
<td>24.0</td>
<td>350</td>
</tr>
<tr>
<td>400PB-10SA-36N</td>
<td>10</td>
<td>36</td>
<td>28.8</td>
<td>350</td>
</tr>
<tr>
<td>400PB-10SA-45N</td>
<td>10</td>
<td>45</td>
<td>36.0</td>
<td>450</td>
</tr>
</tbody>
</table>

### Design Diagram

- 252 mm
- 150 mm
- Dia. 80 mm
- L1
- L2
- Dia. 70 mm
- 400PB-XSA surge arrester in an elbow configuration.
Typical applications and dimensions

Ordering instructions
To order the surge arrester, specify the surge arrester type, as described on previous page.

Example:
For a maximum continuous operating voltage (r.m.s.) of 24 kV and a nominal discharge current of 10 kA, Order a 400PB-10SA-30N surge arrester.

Technical data

<table>
<thead>
<tr>
<th>Surge arrester type</th>
<th>Steep current residual voltage @ 10 kA [1/20 μs] (kV)</th>
<th>Lightning current residual voltage [8/20 μs] (kV)</th>
<th>Switching impulse residual voltage [36/90 μs] (kV)</th>
<th>High current impulse withstand (kA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>@ 5 kA</td>
<td>@ 10 kA</td>
<td>@ 20 kA</td>
<td>@ 125 A</td>
</tr>
<tr>
<td>400PB-5SA-15L</td>
<td>47.1</td>
<td>38.9</td>
<td>42.3</td>
<td>47.4</td>
</tr>
<tr>
<td>400PB-5SA-18L</td>
<td>56.5</td>
<td>46.7</td>
<td>50.8</td>
<td>56.9</td>
</tr>
<tr>
<td>400PB-5SA-22L</td>
<td>69.2</td>
<td>57.1</td>
<td>62.2</td>
<td>69.7</td>
</tr>
<tr>
<td>400PB-5SA-24L</td>
<td>75.2</td>
<td>62.1</td>
<td>67.6</td>
<td>75.8</td>
</tr>
<tr>
<td>400PB-5SA-30L</td>
<td>94.0</td>
<td>77.6</td>
<td>84.5</td>
<td>94.7</td>
</tr>
<tr>
<td>400PB-10SA-15N</td>
<td>48.1</td>
<td>39.7</td>
<td>43.2</td>
<td>48.4</td>
</tr>
<tr>
<td>400PB-10SA-18N</td>
<td>58.1</td>
<td>48.0</td>
<td>52.2</td>
<td>58.5</td>
</tr>
<tr>
<td>400PB-10SA-22N</td>
<td>70.1</td>
<td>57.9</td>
<td>63.0</td>
<td>70.6</td>
</tr>
<tr>
<td>400PB-10SA-24N</td>
<td>77.0</td>
<td>63.6</td>
<td>69.2</td>
<td>77.6</td>
</tr>
<tr>
<td>400PB-10SA-30N</td>
<td>97.0</td>
<td>80.1</td>
<td>87.2</td>
<td>97.7</td>
</tr>
<tr>
<td>400PB-10SA-36N</td>
<td>115.9</td>
<td>95.7</td>
<td>104.2</td>
<td>116.8</td>
</tr>
<tr>
<td>400PB-10SA-45N</td>
<td>144.1</td>
<td>119.0</td>
<td>129.5</td>
<td>145.1</td>
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</tbody>
</table>
### Application
- The test rod can be used for:
  - cable fault location
  - cable testing
  - phasing checks, etc.
- Connections may be made with a cable lug, a 4 mm plug or spring clips.

### Technical characteristics
- The 400TR test rod can be used with 400TE, 430TB, 400TB and 440TB connectors.
- The 400TR-LB is for use with the 400LB connector.

### Design
1. Insulating shroud.
2. Threaded rod for test connection.
3. Two nuts M12.
4. Insulation.
5. Copper test rod stem.
6. Wing nut.

An insulating shroud is provided to allow the application of test voltages when bushings are closely spaced.

### Installation
The test rod is mounted on to the clamping screw in the type C interface tee and coupling connectors. The test cable is connected to the threaded stem and the insulating shroud moved to its final position over the end of the test rod.

### Ordering instructions
Simply specify:
- 400TR or 400TR-LB test rod.

### Technical characteristics table

<table>
<thead>
<tr>
<th>Test rod type</th>
<th>Maximum A.C. test voltage (50 Hz - 1 min)</th>
<th>Maximum D.C. test voltage (8 x U₀ - 30 min)</th>
<th>Impulse voltage (1.2 x 50 μs) min</th>
</tr>
</thead>
<tbody>
<tr>
<td>400TR</td>
<td>36 kV</td>
<td>96 kV</td>
<td>95 kV</td>
</tr>
<tr>
<td>400TR-LB</td>
<td>36 kV</td>
<td>96 kV</td>
<td>95 kV</td>
</tr>
</tbody>
</table>
**Application**

- The box spanner and box spanner key are designed to facilitate assembly of 400TE, 400TB and 440TB connectors.
- The 400TK box spanner is used to install the 400TEF clamping pin contact or 400TCS clamping screw.

- The 400SW box spanner key fits on the hex nut of the 400BIPA basic insulating plug.

**Ordering instructions**

Simply specify:
- 400TK box spanner
- 400SW box spanner key
Application
For use with connectors and bushings with an interface C as described by CENELEC EN 50180 and 50181.

Technical characteristics
All these products, except the earthing plugs, are tested for AC withstand and partial discharge prior to leaving the factory.

Up to 36 kV
- 6/10 (12) kV
- 6.35/11 (12) kV
- 8.7/15 (17.5) kV
- 12/20 (24) kV
- 12.7/22 (24) kV
- 18/30 (36) kV
- 19/33 (36) kV

400DR-B
Dead-end receptacle
Fits over a bushing with a type C interface to provide ‘dead-end’ facility.

Ordering instructions
Order 400DR-B for 12 kV, K400DR-B for 24 kV or M400DR-B for 36 kV applications.
The dead-end receptacle can be supplied with an earth lead.
Order with suffix -/G.
E.g. K400DR-B/G.

400SOP-B
Stand-off plug
Is designed to support and ‘dead-end’ connectors with a type C interface when removed from equipment.

Ordering instructions
Order 400SOP-B for 12 kV, K400SOP-B for 24 kV, M400SOP-B for 36 kV or P400SOP-B for 41.5 kV applications.

400GP-B
Earthing plug
Is designed to support and earth connectors with a type C interface when removed from equipment.

Ordering instructions
Order 400GP-B for 12, 24, 36 or 41.5 kV applications.

300GP-B
Earthing plug
Is designed to earth the 430TB and 434TB connectors when it is fixed-mounted to the equipment (maintenance earthing).

Ordering instructions
Order 300GP-B for 12, 24, 36 or 41.5 kV applications.
**Kit MT**  
Earthing kit for copper tape screened cables  
Contains a tinned copper braid (25 mm² - L = 500 mm), a tinned copper wire for cleating and some water sealing mastic.

**400BIPA**  
Basic insulating plug  
Acts as a tightening nut for the 400TB and 440TB tee connector kits.  
The plug contains a voltage detection point.  
The conductive rubber protection cap is included.

**Ordering instructions**  
Order  
400BIPA for 12 kV,  
K400BIPA for 24 kV  
M400BIPA for 36 kV or  
P400BIPA for 41.5 kV applications.

**430CP**  
Connecting plug  
For connecting two or more 430TB connectors, thus creating a separable cable joint or a multiple cable connection to equipment.

**Ordering instructions**  
Order  
430CP for 12 kV or  
K430CP for 24 kV applications.

**400CP-SC**  
Connecting plug  
For connecting two or more connectors with a type C interface together, thus creating a separable cable joint or a multiple cable connection to equipment.

**Ordering instructions**  
Order  
400CP-SC for 12 kV,  
K400CP-SC for 24 kV or  
M400CP-SC for 36 kV applications.

**440CP**  
Connecting plug  
For connecting two or more 440TB connectors, thus creating a separable cable joint or a multiple cable connection to equipment.  
For use up to 1250 A.  
Only for use with 440TB.

**Ordering instructions**  
Order  
440CP for 12 kV,  
K440CP for 24 kV or  
M440CP for 36 kV applications.  
Order (K)(M)440CP + 676SA for connection to an already installed 440TB connector.

**400RTPA**  
Reducing tap plug  
Provides a type A interface to connectors with a type C interface.  
A ‘C’ spanner, 600SW, is used to tighten the reducing tap plug on to its mating part.

**Ordering instructions**  
Order  
400RTPA for 12 kV or  
K400RTPA for 24 kV applications.

**430CP**  
Connecting plug  
For connecting two or more 430TB connectors, thus creating a separable cable joint or a multiple cable connection to equipment.

**Ordering instructions**  
Order  
430CP for 12 kV or  
K430CP for 24 kV applications.
### POSSIBLE ARRANGEMENTS
#### INTERFACE C

#### 430TB
Single cable arrangement. Order 430TB for 12 kV, K430TB for 24 kV or M430TB for 36 kV applications.

#### 430TBM-P2
Dual cable arrangement. Order 430TBM-P2 for 12 kV, K430TBM-P2 for 24 kV or M430TBM-P2 for 36 kV applications.

#### 430TBM-P3
Triple cable arrangement. Order 430TBM-P3 for 12 kV, K430TBM-P3 for 24 kV or M430TBM-P3 for 36 kV applications.

#### 430TBM-L3
3-way connection. Order 430TBM-L3 for 12 kV, K430TBM-L3 for 24 kV or M430TBM-L3 for 36 kV applications.

*In mm.*
**434TB**
Single cable arrangement.
Order 434TB for 12 kV, K434TB for 24 kV or M434TB for 36 kV applications.

**434TBM-P2**
Dual cable arrangement.
Order 434TBM-P2 for 12 kV, K434TBM-P2 for 24 kV or M434TBM-P2 for 36 kV applications.

**434TBM-P2 + 300SA**
Dual cable arrangement with surge arrester.
Order 434TBM-P2+300SA for 12 kV, K434TBM-P2+300SA for 24 kV or M434TBM-P2+300SA for 36 kV applications.

**440TB + 400PB-XSA**
Cable arrangement with surge arrester.
Order 440TB+400PB-XSA for 12 kV, K440TB+400PB-XSA for 24 kV or M440TB+400PB-XSA for 36 kV applications.
400TB/G
Single cable arrangement.
Order 400TB/G for 12 kV,
K400TB/G for 24 kV,
M400TB/G for 36 kV or
P400TB/G for 41.5 kV applications.

400TB/G-P2
Dual cable arrangement.
Order 400TB/G-P2 for 12 kV,
K400TB/G-P2 for 24 kV or
M400TB/G-P2 for 36 kV applications.

400TB/G-L2
2-way connection.
Order 400TB/G-L2 for 12 kV,
K400TB/G-L2 for 24 kV or
M400TB/G-L2 for 36 kV applications.

400TB/G-L3
3-way connection.
Order 400TB/G-L3 for 12 kV,
K400TB/G-L3 for 24 kV or
M400TB/G-L3 for 36 kV applications.
**400TB/G-L4**
Disconnectable tap-off.
Order 400TB/G-L4 for 12 kV, K400TB/G-L4 for 24 kV or M400TB/G-L4 for 36 kV applications.

**400TB/G-L5**
2-way connection with tap-off.
Order 400TB/G-L5 for 12 kV or K400TB/G-L5 for 24 kV applications.

**Connector on stand-off plug**
Order 400SOP-B for 12 kV, K400SOP-B for 24 kV or M400SOP-B for 36 kV applications.
Earthing plug on connector
Order 300GP-B for 12 kV, 24 kV and 36 kV applications.

Connector on earthing plug
Order 400GP-B for 12 kV, 24 kV and 36 kV applications.

Cable and equipment testing

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