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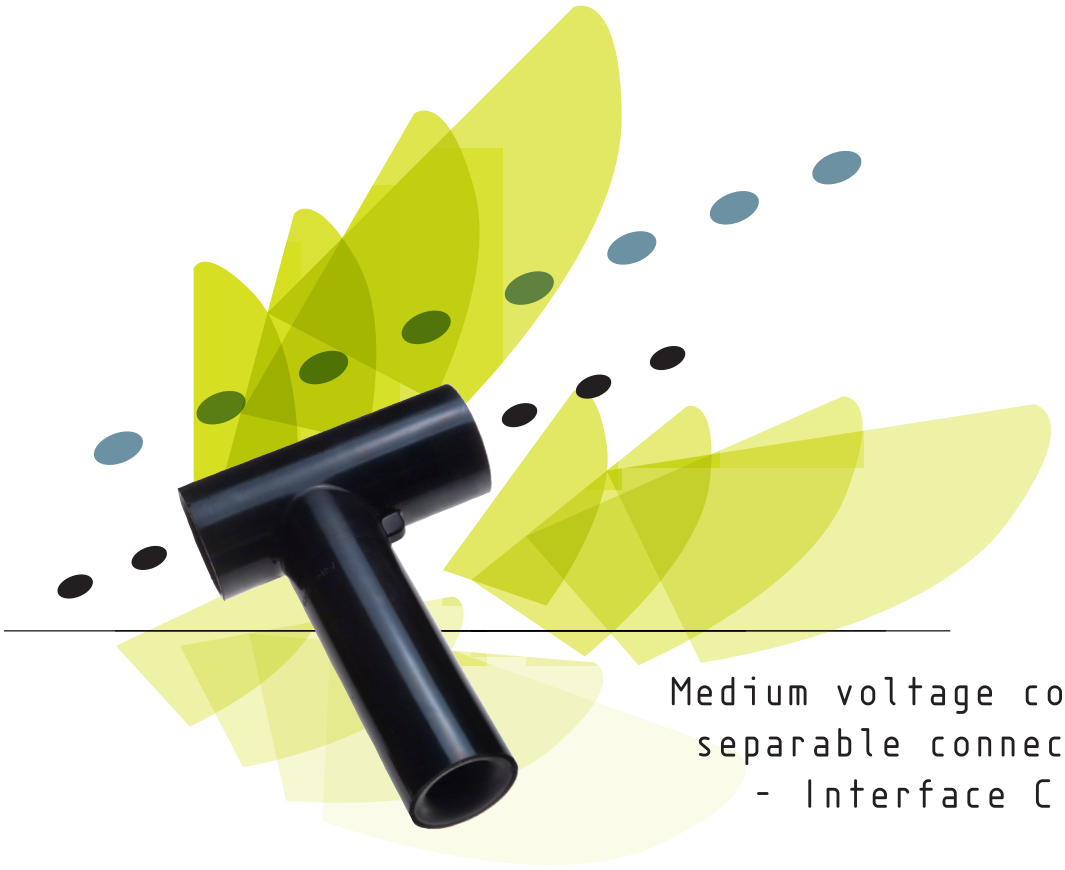

Medium voltage compact separable connectors

- Interface C -

Catalogue 2015

Euromold
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Nexans Network Solutions Div. Euromold

COMPANY PRESENTATION






EUROMOLD

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 EN 50393, IEC 60502-4, IEC 61442 and HD 629.

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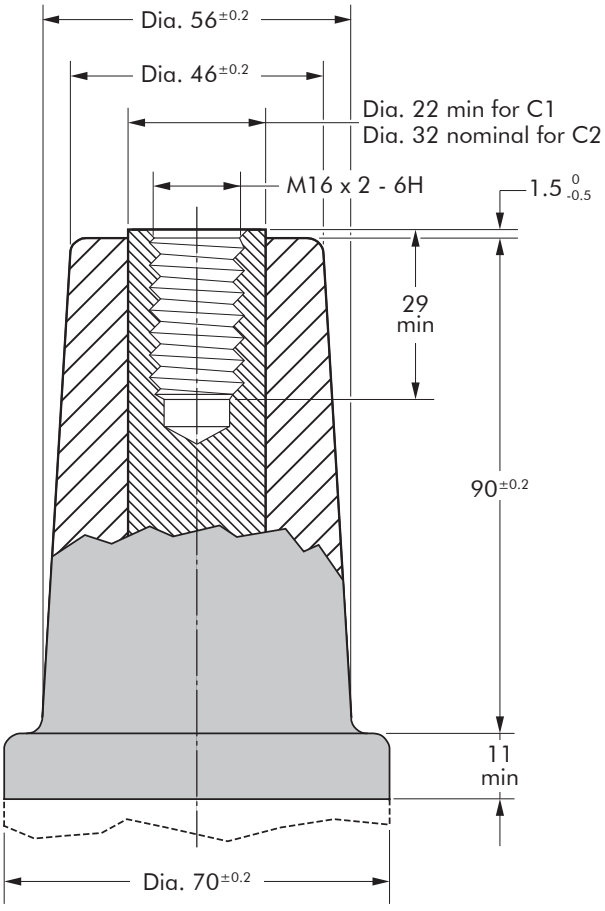
SEPARABLE CONNECTORS
INTERFACE C

Table of contents

430TB - tee connector
484TB - tee connector
489TB - tee connector
300PBM - coupling connector
430TBM-P2/P3 - dual/triple cable arrangement
804PB - coupling connector
809PB - coupling connector
450SR - straight connector
300SA - surge arrester
800SA - surge arrester
400TR and 800TR - test rod
400TK and 400SW installation tools
Accessories
Possible arrangements
T-HSTBK - Three core heat-shrink breakout kit

Interface C1 & C2

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



In mm.

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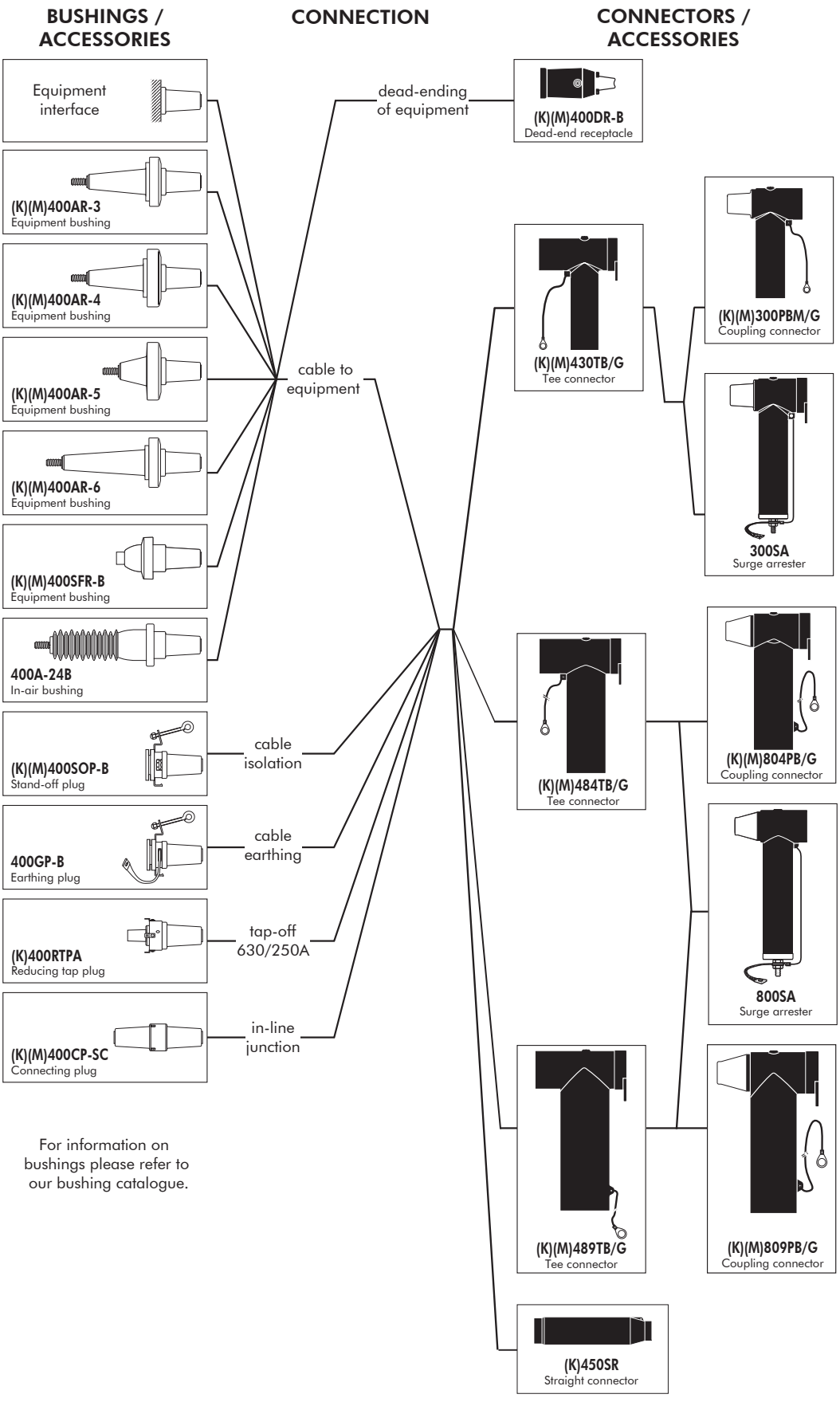
Connecting possibilities



For information on bushings please refer to our bushing catalogue.

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430TB
INTERFACE C
TEE CONNECTOR

Up to 36 kV
630 A -1250 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

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

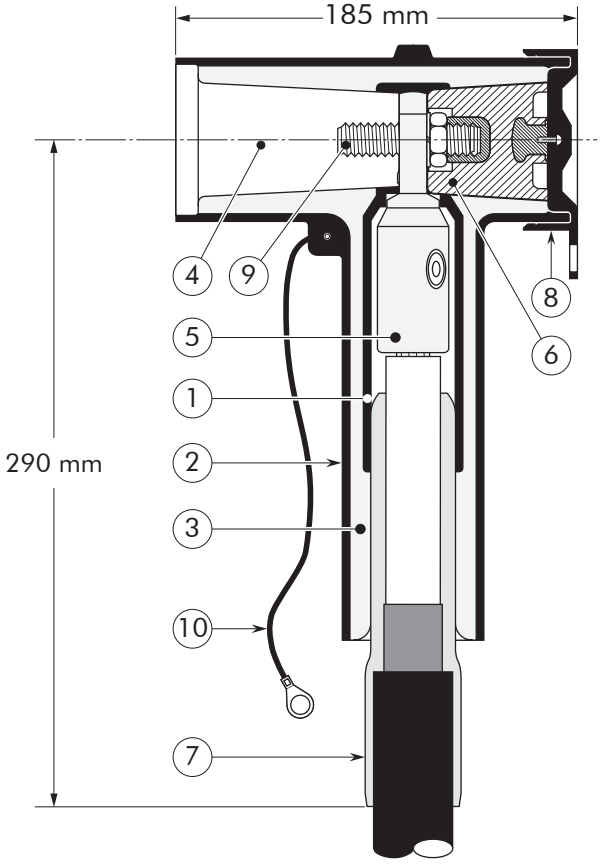
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

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.
9. Clamping screw.
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.

Separable connector type	Voltage Um (kV)	Current Ir (A)	Current Ir (A) When using a copper (-11-2) or a bolted (14-5) conductor contact and when installed on an appropriate equipment bushing	Conductor sizes (mm²)	
				min	max
430TB/G	12	630	1250	35	300
K430TB/G	24	630	1250	35	300
M430TB/G	36	630	1250	50	300

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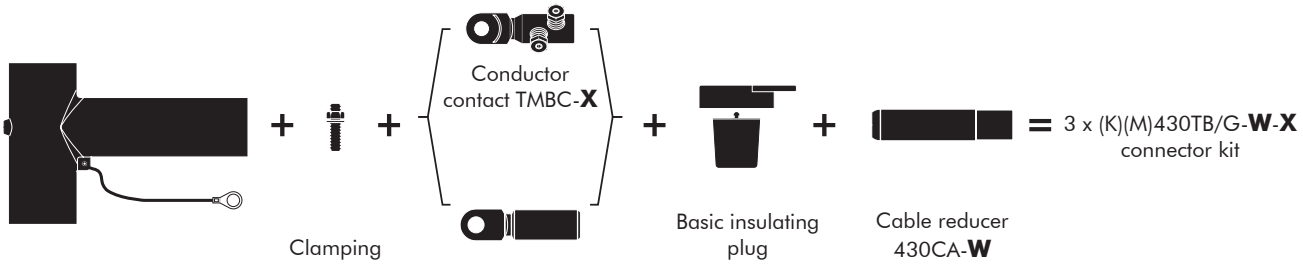
Kit contents

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

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



Connector housing (K)(M)430BT/G

Clamping screw 430TCS

Conductor contact TBC-**X**

Basic insulating plug (K)(M)300BIPA + rubber cap

Cable reducer 430CA-**W**

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.

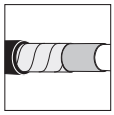
Example:
The cable is 24 kV, 150 mm^2 compact stranded copper with a diameter over core insulation of 27.5 mm.
Order 3 x K430TB/G-18-95.240-14-5 tee connector kit.

Table W

Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 430TB/G-11-**X**	12.0	17.5
3 x 430TB/G-16-**X**	17.0	23.5
3 x 430TB/G-18-**X**	19.0	32.6
3 x 430TB/G-27-**X**	28.5	37.5
3 x 430TB/G-30-**X**	36.0	40.5

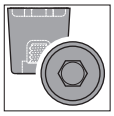
Table X

Conductor sizes (mm^2)	Aluminium conductor		Aluminium and copper conductor	Copper conductor
	DIN hexagonal	Deep indent	Bolted	DIN hexagonal
35	35(K)M-10-2	35KM-10-1	16.95-14-5	35(K)M-11-2
50	50(K)M-10-2	50(K)M-10-1	50.150-14-5	50(K)M-11-2
70	70(K)M-10-2	70(K)M-10-1		70(K)M-11-2
95	95(K)M-10-2	95(K)M-10-1	95.240-14-5	95(K)M-11-2
120	120(K)M-10-2	120(K)M-10-1		120(K)M-11-2
150	150(K)M-10-2	150(K)M-10-1	120.300-14-5	150(K)M-11-2
185	185(K)M-10-2	185(K)M-10-1		185(K)M-11-2
240	240(K)M-10-2	240(K)M-10-1		240(K)M-11-2
300	300(K)M-10-2	–		300(K)M-11-2



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

For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.



Up to 24 kV this product can also be installed using a 300BIPR (without VD point) Order: BIPR.

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

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

411CA

This product can also be installed using a 411 CA. Please contact our representative.

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484TB
INTERFACE C
TEE CONNECTOR

Up to 42 kV
630 A - 1250 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 (42) kV

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

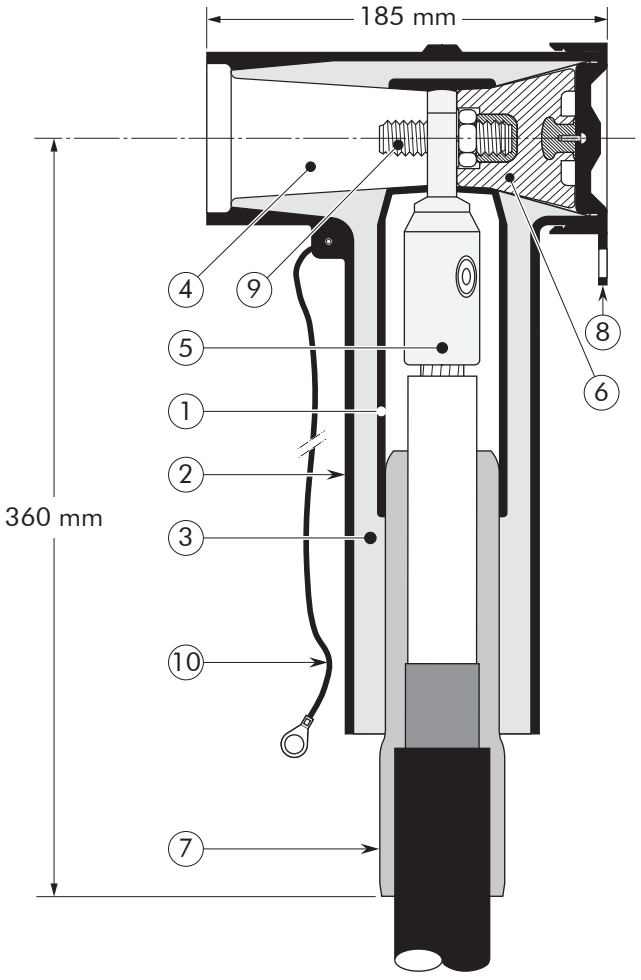
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

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.
9. Clamping screw.
10. Earthing lead.

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



Specifications and standards

The 484TB separable connector meets the requirements of CENELEC HD 629.1.

Separable connector type	Voltage Um (kV)	Current Ir (A) When installed on an appropriate equipment bushing	Conductor sizes (mm^2)	
			min	max
484TB/G	12	1250	50	630
K484TB/G	24	1250	35	630
M484TB/G	36	1250	35	630
P484TB/G	42	1250	35	630

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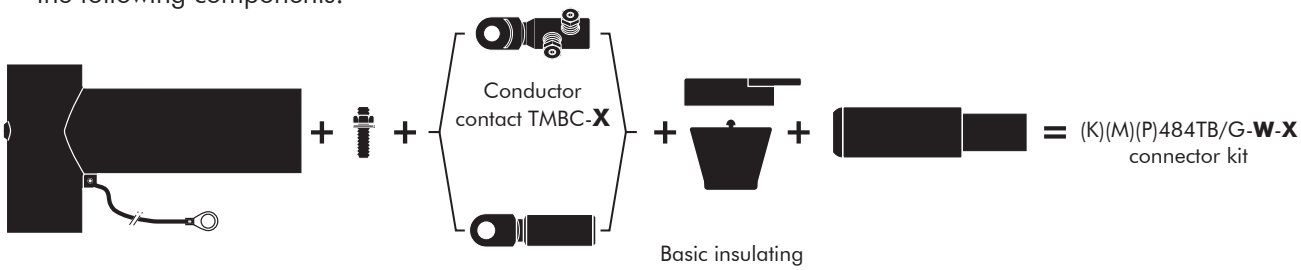
Kit contents

The complete (K)(M)(P)484TB/G tee connector kit comprises 3x the following components:

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



Connector housing (K)(M)(P)484BT/G

Clamping screw 430TCS

Conductor contact TBC-**X**

Basic insulating plug (K)(M)(P)800BIPA + rubber cap

Cable reducer 611CA-**W**

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 42 kV.

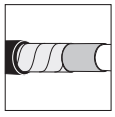
Example:
The copper wire screened cable is 36 kV, 240 mm^2 stranded aluminium with a diameter over core insulation of 37.0 mm.
Order 3 x M484TB/G-32-240(K)M-12-2 tee connector kit.

Table W

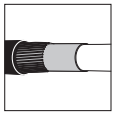
Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 484TB/G-15-**X**	16.0	22.0
3 x 484TB/G-19-**X**	20.0	26.5
3 x 484TB/G-22-**X**	23.5	31.0
3 x 484TB/G-27-**X**	28.5	37.5
3 x 484TB/G-32-**X**	34.0	42.5
3 x 484TB/G-37-**X**	39.0	48.5
3 x 484TB/G-43-**X**	45.5	56.0

Table X

Conductor sizes (mm^2)	Aluminium conductor		Aluminium and copper conductor	Copper conductor
	DIN hexagonal	Deep indent	Bolted	DIN hexagonal
35	35(K)M-12-2	35KM-12-1	16.95-14-5	35(K)M-11-2
50	50(K)M-12-2	50KM-12-1	50.150-14-5	50(K)M-11-2
70	70(K)M-12-2	70KM-12-1		70(K)M-11-2
95	95(K)M-12-2	95KM-12-1	95.240-14-5	95(K)M-11-2
120	120(K)M-12-2	120KM-12-1		120(K)M-11-2
150	150(K)M-12-2	150KM-12-1	120.300-14-5	150(K)M-11-2
185	185(K)M-12-2	185KM-12-1		185(K)M-11-2
240	240(K)M-12-2	240KM-12-1	185.400-14-5	240(K)M-11-2
300	300(K)M-12-2	300KM-12-1		300(K)M-11-2
400	400(K)M-12-2	400KM-12-1		400(K)M-11-2
500	500(K)M-12-2	500KM-12-1	400.630-14-5	500(K)M-11-2
630	–	630KM-12-1		630(K)M-11-2



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



For use with copper wire screened cables. No earthing device is necessary.

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

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

Components can be ordered individually.

For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.

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489TB
INTERFACE C
TEE CONNECTOR

Up to 42 kV
630 A - 1250 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 (42) kV

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

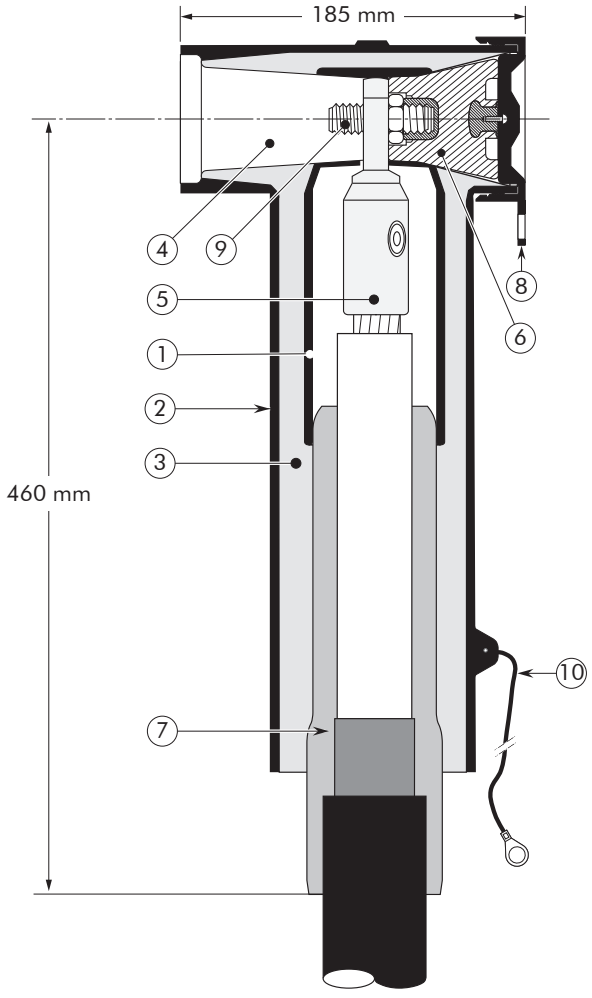
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

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.
9. Stud+nut.
10. Earthing lead.

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



Specifications and standards

The 489TB separable connector meets the requirements of CENELEC HD 629.1.

Separable connector type	Voltage Um (kV)	Current Ir (A) When installed on an appropriate equipment bushing	Conductor sizes (mm^2)	
			min	max
489TB/G	12	1250	630	1200
K489TB/G	24	1250	630	1200
M489TB/G	36	1250	630	1200
P489TB/G	42	1250	630	1200

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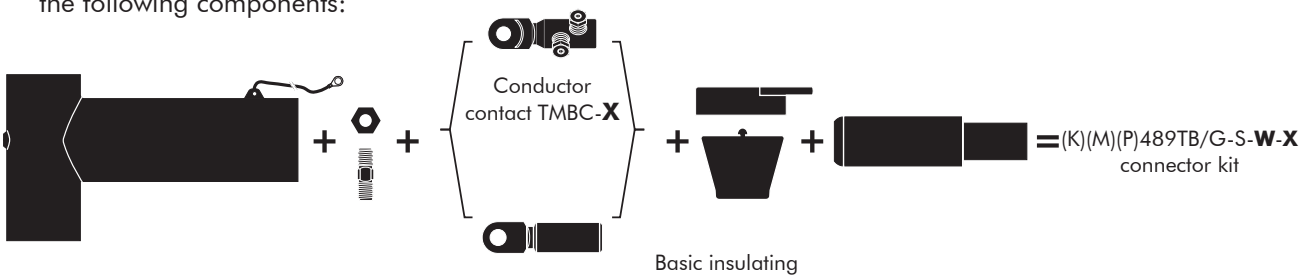
Kit contents

The complete (K)(M)(P)489TB/G tee connector kit comprises 3x the following components:

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



Connector housing (K)(M)(P)489BT/G

Stud+nut

Conductor contact TBC-**X**

Basic insulating plug (K)(M)(P)800BIPA + rubber cap

Cable reducer 911CA-**W**

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 42 kV.

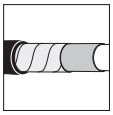
Example:
The copper wire screened cable is 36 kV, 1000 mm^2 stranded aluminium with a diameter over core insulation of 52 mm.
Order 3 x M489TB/G-S-43-1000(K)M-12-1 tee connector kit.

Table W

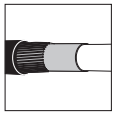
Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 489TB/G-S-37-**X**	40	48
3 x 489TB/G-S-43-**X**	46	54
3 x 489TB/G-S-50-**X**	53	59
3 x 489TB/G-S-53-**X**	56	62
3 x 489TB/G-S-56-**X**	59	65
3 x 489TB/G-S-59-**X**	62	68

Table X

Conductor sizes (mm^2)	Aluminium conductor	Aluminium and copper conductor	Copper conductor
	Deep indent	Bolted	DIN hexagonal
630	630KM-12-1	**400.630-14-5**	630(K)M-11-2
800	800KM-12-1	**800.1000-14-5**	800(K)M-11-2
1000	1000KM-12-1		1000(K)M-11-2
1200	1200KM-12-1	-	-



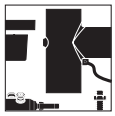
For use with copper tape screened cables. Order: Kit MT.



For use with copper wire screened cables. No earthing device is necessary.

For use with other cable types. 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

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300PBM
COUPLING CONNECTOR FOR 430TB

Up to 36 kV
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

Application

Separable coupling connector (bolted type) for dual cable arrangement. It has been designed to be used with 430TB separable tee connector.

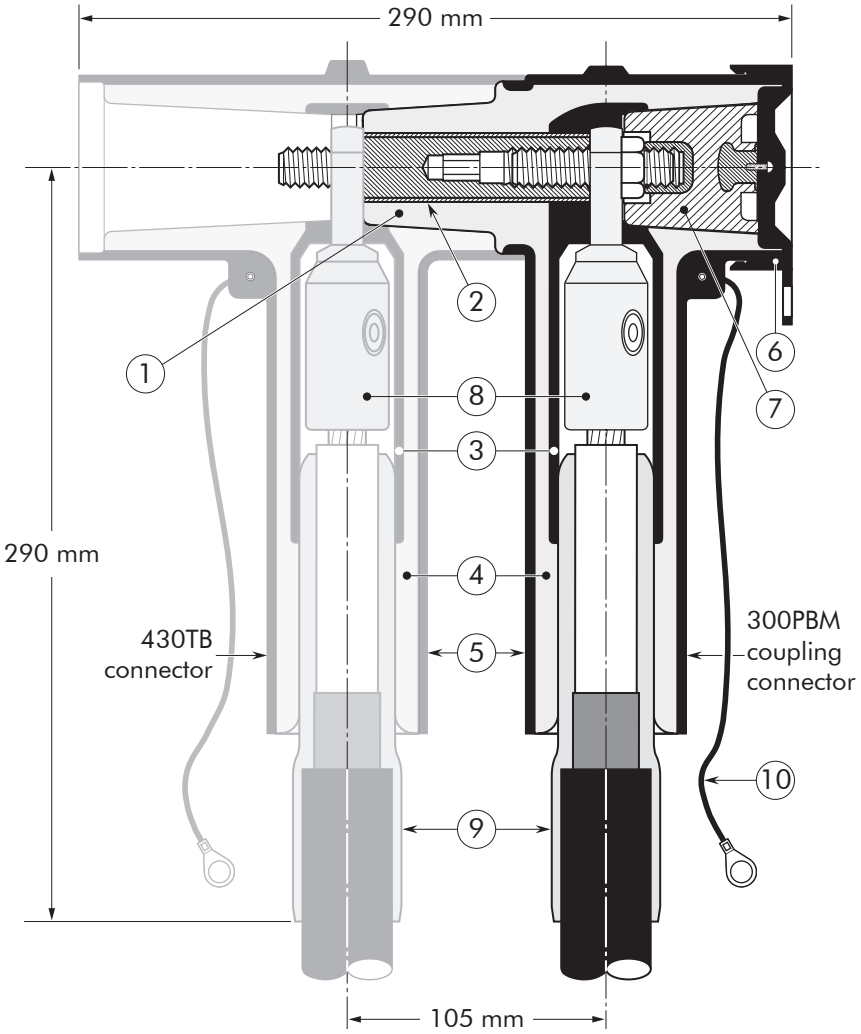
Technical characteristics

- 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. Earthing 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.

Separable connector type	Voltage Um (kV)	Current Ir (A)	Conductor sizes (mm²)	
			min	max
300PBM/G	12	800	35	300
K300PBM/G	24	800	35	300
M300PBM/G	36	800	50	240

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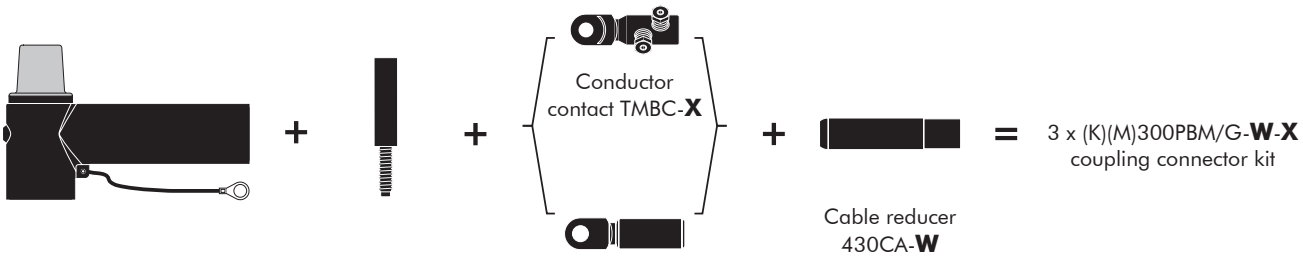
Kit contents

The complete (K)(M)300PBM/G coupling connector kit comprises 3 x the following components:

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.

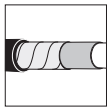
Example:
The cable is 24 kV, 150 mm² compact stranded copper with a diameter over core insulation of 27.5 mm.
Order 3 x K300PBM/G-18-95.240-14-5 coupling connector kit.

Table W

Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 300PBM/G-11-**X**	12.0	17.5
3 x 300PBM/G-16-**X**	17.0	23.5
3 x 300PBM/G-18-**X**	19.0	32.6
3 x 300PBM/G-27-**X**	28.5	37.5

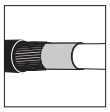
Table X

Conductor sizes (mm²)	Aluminium conductor		Aluminium and copper conductor	Copper conductor
	DIN hexagonal	Deep indent	Bolted	DIN hexagonal
35	35(K)M-10-2	35KM-10-1	16.95-14-5	35(K)M-11-2
50	50(K)M-10-2	50(K)M-10-1		50(K)M-11-2
70	70(K)M-10-2	70(K)M-10-1	50.150-14-5	70(K)M-11-2
95	95(K)M-10-2	95(K)M-10-1		95(K)M-11-2
120	120(K)M-10-2	120(K)M-10-1	95.240-14-5	120(K)M-11-2
150	150(K)M-10-2	150(K)M-10-1		150(K)M-11-2
185	185(K)M-10-2	185(K)M-10-1		185(K)M-11-2
240	240(K)M-10-2	240(K)M-10-1	120.300-14-5	240(K)M-11-2
300	300(K)M-10-2	–		300(K)M-11-2



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

For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.



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.

411CA

This product can also be installed using a 411 CA. Please contact our representative.

Euromold
a Nexans company

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

Application
Separable connectors (bolted type) for dual (P2) and triple (P3) cable arrangements.

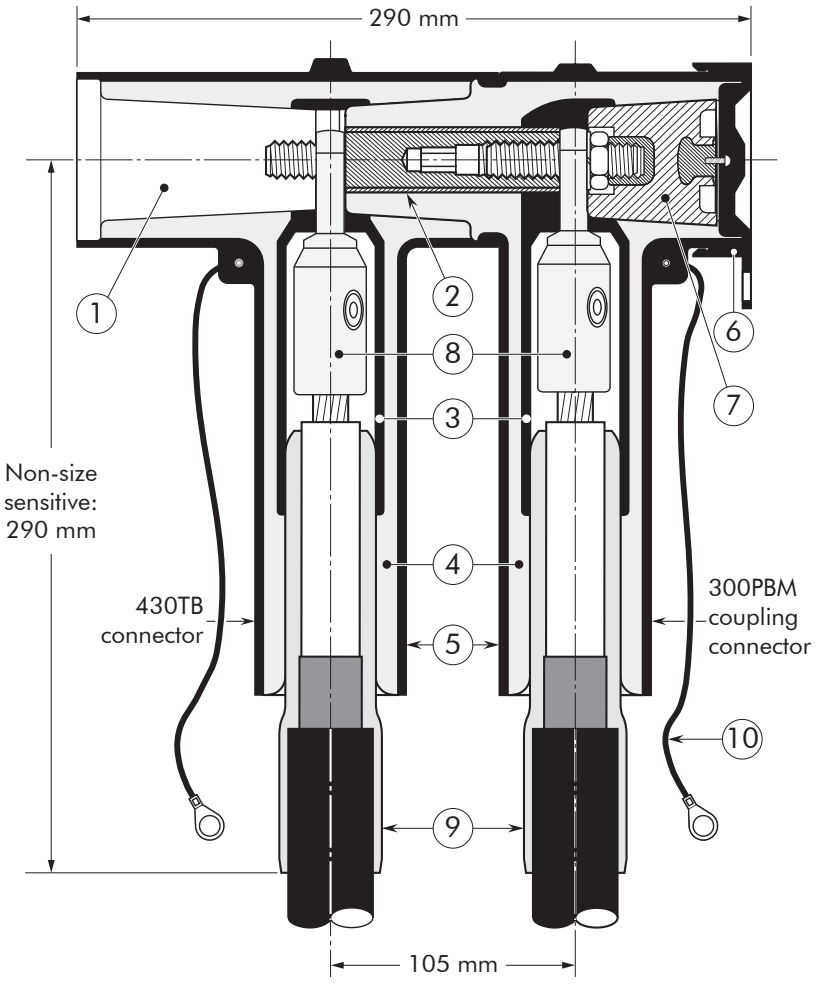
Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Up to 36 kV
630 A - 1250 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

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.



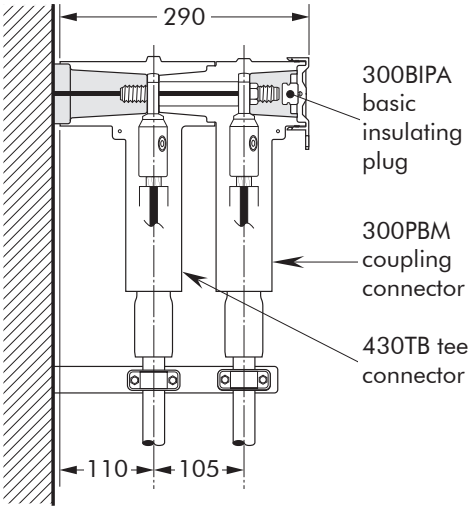
Specifications and standards
The 430TBM-P2/P3 connectors meet the requirements of CENELEC HD 629.1.

Separable connector type	Voltage Um (kV)	Current Ir (A)	Current Ir (A) When using a copper (-11-2) or a bolted (14-5) conductor contact and when installed on an appropriate equipment bushing	Conductor sizes (mm²)	
				min	max
430TBM-P2/P3	12	630	1250	35	300
K430TBM-P2/P3	24	630	1250	35	300
M430TBM-P2/P3	36	630	1250	50	240

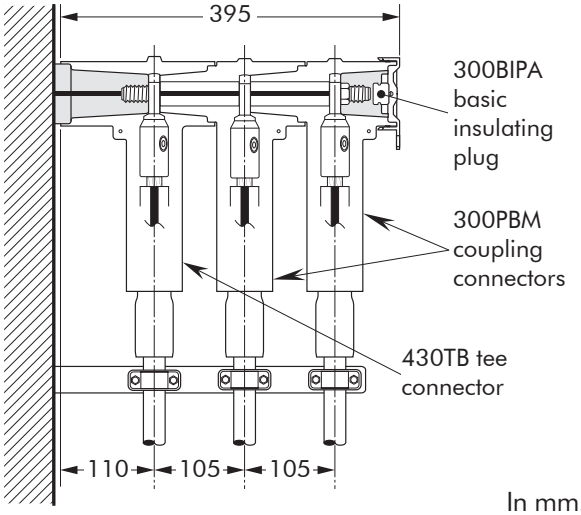
10/2013

Kit contents

The complete (K)(M)430TBM-P2 connector kit comprises 3 x the following components:



The complete (K)(M)430TBM-P3 connector kit comprises 3 x the following components:



In mm.

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 mm^2 stranded aluminium with a diameter over core insulation of 27.5 mm.
Order 3 x K430TBM-P2-18-150(K)M-10-2.

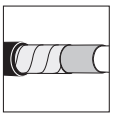
1. **From table W:** select the symbol which gives the best centring of your core insulation diameter.
2. **From table X:** according to your conductor size and type, select the designation which completes the part number.

Table W

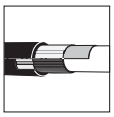
Dia. over core insulation (mm)		W
min	max	
12.0	17.5	11
17.0	23.5	16
19.0	32.6	18
28.5	37.5	27

Table X

Conductor sizes (mm^2)	Aluminium conductor		Aluminium and copper conductor	Copper conductor
	DIN hexagonal	Deep indent	Bolted	DIN hexagonal
35	35(K)M-10-2	35KM-10-1	16.95-14-5	35(K)M-11-2
50	50(K)M-10-2	50(K)M-10-1	50.150-14-5	50(K)M-11-2
70	70(K)M-10-2	70(K)M-10-1		70(K)M-11-2
95	95(K)M-10-2	95(K)M-10-1		95(K)M-11-2
120	120(K)M-10-2	120(K)M-10-1	95.240-14-5	120(K)M-11-2
150	150(K)M-10-2	150(K)M-10-1		150(K)M-11-2
185	185(K)M-10-2	185(K)M-10-1		185(K)M-11-2
240	240(K)M-10-2	240(K)M-10-1	120.300-14-5	240(K)M-11-2
300	300(K)M-10-2	–		300(K)M-11-2

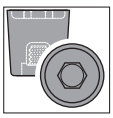


For use with copper tape screened cables. Order: Kit MT.



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

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



Up to 24 kV this product can also be installed using a 300BIPR (without VD point) Order: BIPR.

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

For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.

Euromold
a Nexans company

804PB
COUPLING CONNECTOR FOR 484TB/G

Application
Separable coupling connector (bolted type) for dual cable arrangement. It has been designed to be used with 484TB and 489TB separable tee connectors.

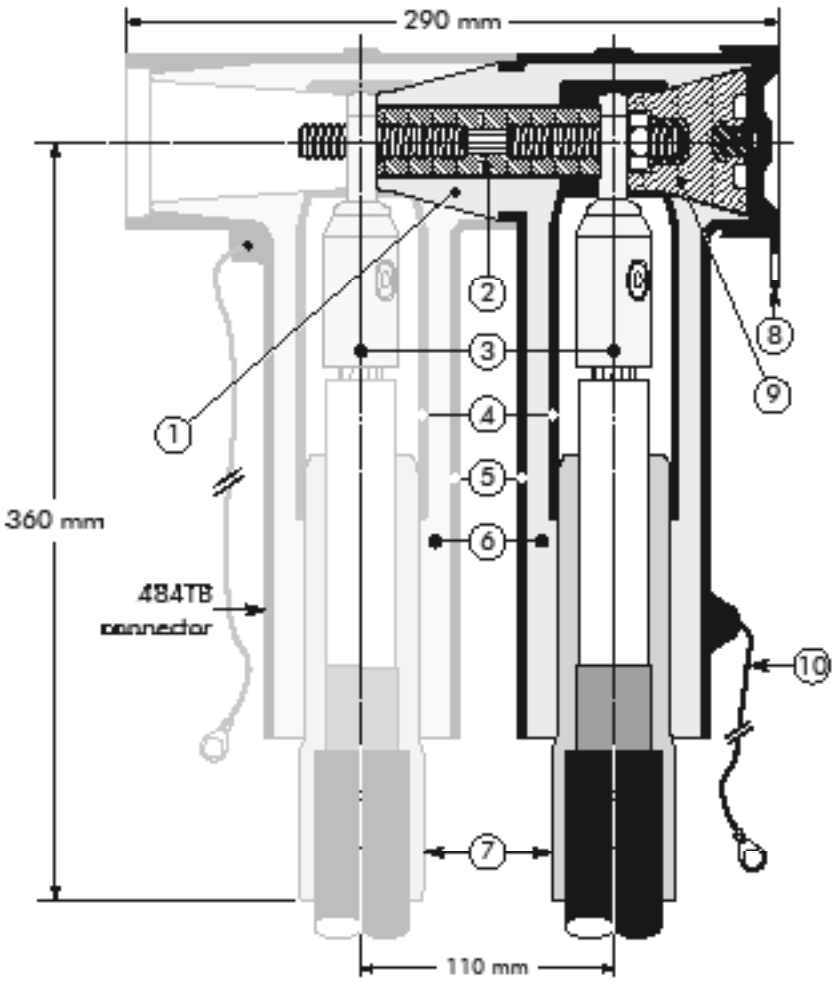
Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Up to 42 kV
1250 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 (42) kV

Design
1. Interface designed to fit 484TB and 489TB connector.
2. Bus for 804PB.
3. Conductor connector (hexagonal crimping, deep indent crimping or bolted).
4. Conductive EPDM insert.
5. Conductive EPDM jacket.
6. Insulating EPDM layer moulded between the insert and the jacket.
7. Cable reducer.
8. Conductive EPDM cap.
9. Basic insulating plug (with VD point).
10. Earth lead.

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



Specifications and standards
The 804PB coupling connector meets the requirements of CENELEC HD 629.1.

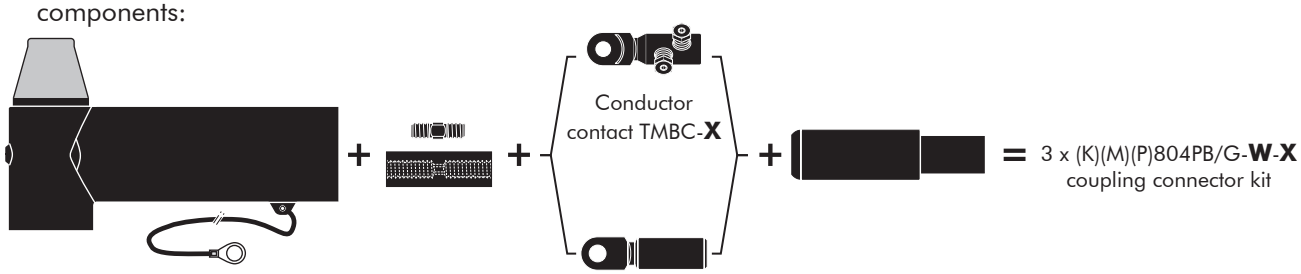
Separable connector type	Voltage Um (kV)	Current Ir (A)	Conductor sizes (mm²)	
			min	max
804PB/G	12	1250	50	630
K804PB/G	24	1250	35	630
M804PB/G	36	1250	35	630
P804PB/G	42	1250	35	630

10/2013

Kit contents

The complete (K)(M)(P)804PB/G coupling connector kit comprises 3 x the following components:

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



Connector housing (K)(M)(P)804BP/G

Contact rod and stud

Conductor contact TBC-**X**

Cable reducer 611CA-**W**

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, add a 'P' for use up to 42 kV.

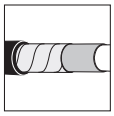
Example:
The copper wire screened cable is 36 kV, 240 mm² stranded aluminium with a diameter over core insulation of 37.0 mm. Order 3 x M804PB/G-32-240(K)M-12-2 coupling connector kit.

Table W

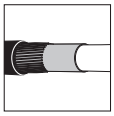
Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 804PB/G-15-**X**	16.0	22.0
3 x 804PB/G-19-**X**	20.0	26.5
3 x 804PB/G-22-**X**	23.5	31.0
3 x 804PB/G-27-**X**	28.5	37.5
3 x 804PB/G-32-**X**	34.0	42.5
3 x 804PB/G-37-**X**	39.0	48.5
3 x 804PB/G-43-**X**	45.5	56.0

Table X

Conductor sizes (mm²)	Aluminium conductor		Aluminium and copper conductor	Copper conductor
	DIN hexagonal	Deep indent	Bolted	DIN hexagonal
35	35(K)M-12-2	35KM-12-1	16.95-14-5	35(K)M-11-2
50	50(K)M-12-2	50KM-12-1	50.150-14-5	50(K)M-11-2
70	70(K)M-12-2	70KM-12-1		70(K)M-11-2
95	95(K)M-12-2	95KM-12-1	95.240-14-5	95(K)M-11-2
120	120(K)M-12-2	120KM-12-1	120.300-14-5	120(K)M-11-2
150	150(K)M-12-2	150KM-12-1		150(K)M-11-2
185	185(K)M-12-2	185KM-12-1	185.400-14-5	185(K)M-11-2
240	240(K)M-12-2	240KM-12-1		240(K)M-11-2
300	300(K)M-12-2	300KM-12-1		300(K)M-11-2
400	400(K)M-12-2	400KM-12-1	400.630-14-5	400(K)M-11-2
500	500(K)M-12-2	500KM-12-1		500(K)M-11-2
630	–	630KM-12-1		630(K)M-11-2



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



For use with copper wire screened cables. No earthing device is necessary.

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

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

Components can be ordered individually.

For use in potentially explosive atmospheres (for 12 kV max). Add -/ATEX to part number.

Euromold
a Nexans company

809PB
COUPLING CONNECTOR FOR 484TB/G AND 489TB/G

Application
Separable coupling connector (bolted type) for dual cable arrangement. It has been designed to be used with 484TB and 489TB separable tee connectors.

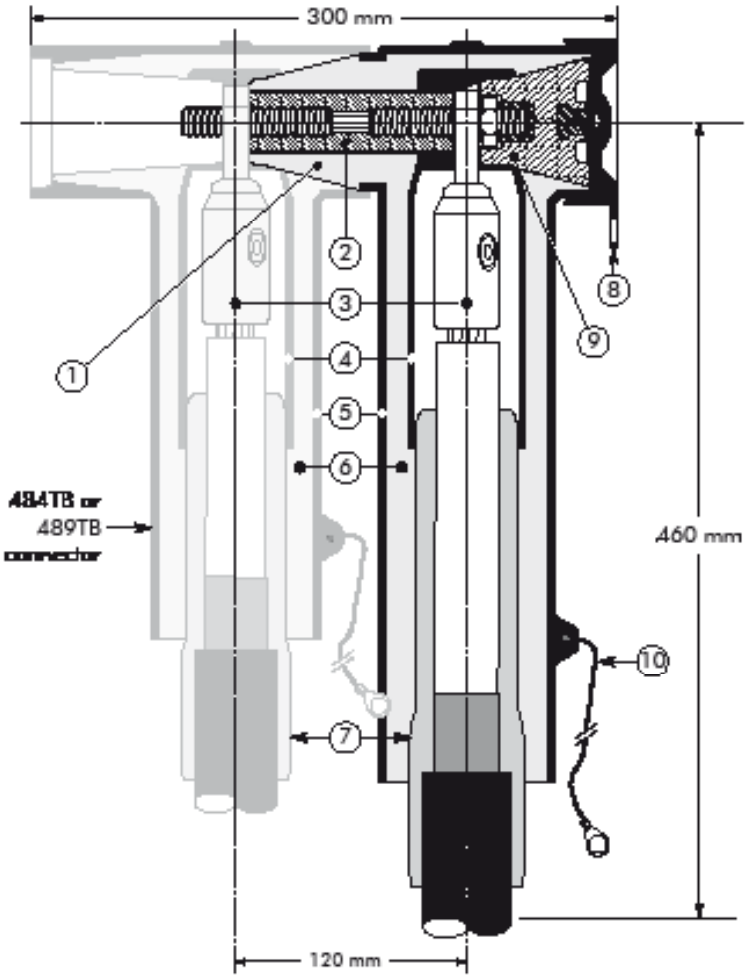
Technical characteristics
- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Up to 42 kV
1250 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 (42) kV

Design
1. Interface designed to fit 484TB and 489TB connector.
2. Bus for 809PB.
3. Conductor connector (hexagonal crimping, deep indent crimping or bolted).
4. Conductive EPDM insert.
5. Conductive EPDM jacket.
6. Insulating EPDM layer moulded between the insert and the jacket.
7. Cable reducer.
8. Conductive EPDM cap.
9. Basic insulating plug (with VD point).
10. Earth lead.

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



Specifications and standards
The 809PB coupling connector meets the requirements of CENELEC HD 629.1.

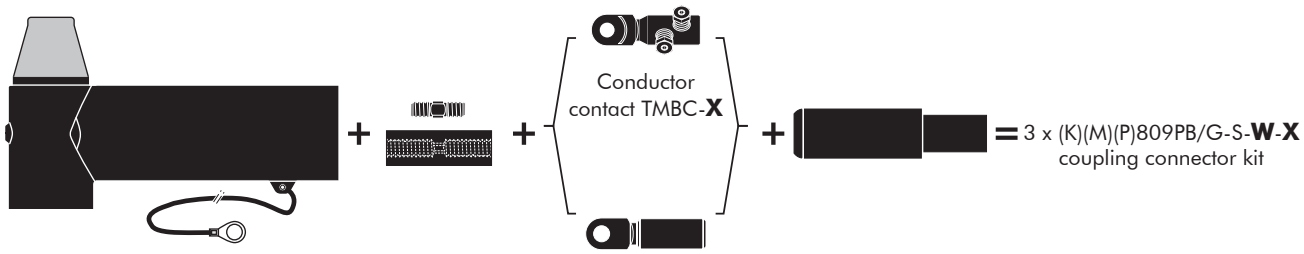
Separable connector type	Voltage Um (kV)	Current Ir (A)	Conductor sizes (mm²)	
			min	max
809PB/G	12	1250	630	1200
K809PB/G	24	1250	630	1200
M809PB/G	36	1250	630	1200
P809PB/G	42	1250	630	1200

10/2013

Kit contents

The complete (K)(M)(P)809PB/G coupling connector kit comprises 3 x the following components:

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



Connector housing (K)(M)(P)809BP/G

Contact rod and stud

Conductor contact TBC-**X**

Cable reducer 911CA-**W**

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, add a 'P' for use up to 42 kV.

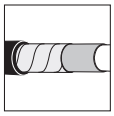
Example:
The copper wire screened cable is 36 kV, 1000 mm^2 stranded aluminium with a diameter over core insulation of 52 mm.
Order 3 x M809PB/G-S-43-1000(K)M-12-1 coupling connector kit.

Table W

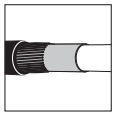
Ordering part number	Dia. over core insulation (mm)	
	min	max
3 x 809PB/G-S-37-**X**	40	48
3 x 809PB/G-S-43-**X**	46	54
3 x 809PB/G-S-50-**X**	53	59
3 x 809PB/G-S-53-**X**	56	62
3 x 809PB/G-S-56-**X**	59	65
3 x 809PB/G-S-59-**X**	62	68

Table X

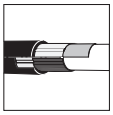
Conductor sizes (mm^2)	Aluminium conductor	Aluminium and copper conductor	Copper conductor
	Deep indent	Bolted	DIN hexagonal
630	630KM-12-1	**400.630-14-5**	630(K)M-11-2
800	800KM-12-1	**800.1000-14-5**	800(K)M-11-2
1000	1000KM-12-1		1000(K)M-11-2
1200	1200KM-12-1	-	-



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



For use with copper wire screened cables. No earthing device is necessary.



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

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

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

Components can be ordered individually.

Euromold
a Nexans company

450SR
INTERFACE C
STRAIGHT CONNECTOR

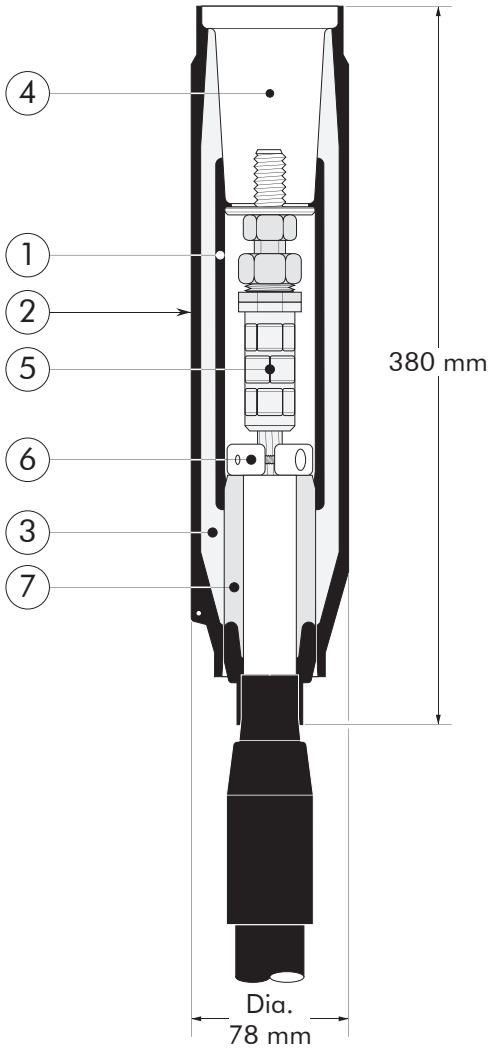
Up to 24 kV - 630A

Application
Separable straight connector designed to connect polymeric insulated cable to equipment (transformers, switch gear, 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.

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV

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 assembly.
6. Retaining ring.
7. Cable reducer.



Specifications and standards
The separable connector 450SR meets the requirements of CENELEC HD 629.1 S1.

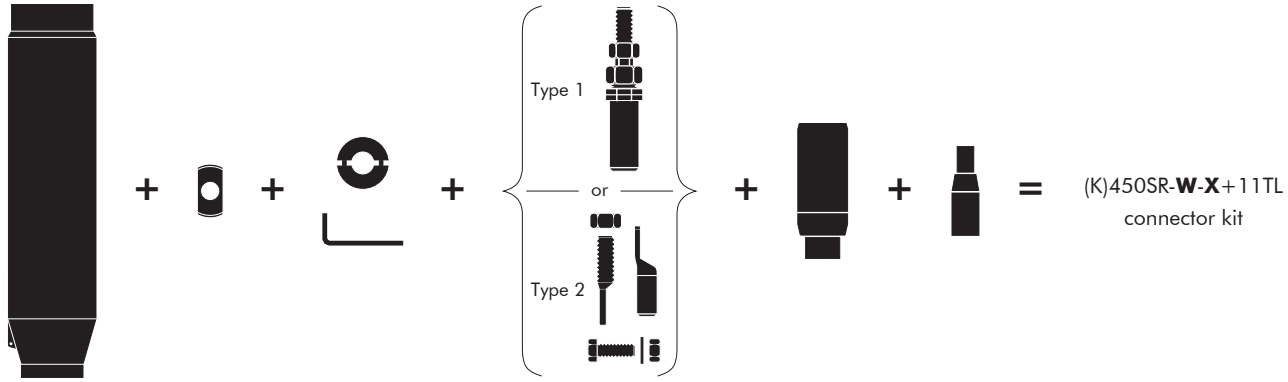
Separable connector type	Voltage Um (kV)	Current Ir (A)	Conductor size (mm^2)	
			min.	max.
450SR	12	630	50	300
K450SR	24	630	25	300

10/2013

Kit contents

The complete (K)450SR straight connector kit comprises the following components:

The kit also comprises lubricant, wipers, installation instructions and crimp chart.



Connector housing (K)450SRH | Locking disc 450SRD | Retaining ring + hex key 400RR-**X** | Contact assembly 450SRC-**X**-Assy | Cable reducer 450CA-**W** | Cable adaptor 11TL

Ordering instructions

To order the straight 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.

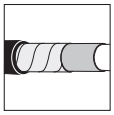
Example:
The copper wire screened cables are 24 kV, 240 mm^2 stranded aluminium with a diameter over core insulation of 32.2 mm.
Order 3 x K450SR-14-240KM-12-2+11TL straight connector kit.

Table W

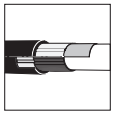
Ordering part number	Dia. over core insulation (mm)	
	min.	max.
450SR-06-**X**+11TL	16.5	21.5
450SR-08-**X**+11TL	19.9	24.4
450SR-10-**X**+11TL	23.2	28.0
450SR-12-**X**+11TL	26.1	31.0
450SR-14-**X**+11TL	30.0	36.1

Table X

Conductor size (mm^2)	Conductor contact type (DIN standards only)			
	Type 1		Type 2	
	Aluminium	Copper	Aluminium	Copper
25	–	25KM-11-2	–	–
35	35KM-12-2	35KM-11-2	35KM-12-2-L	35KM-11-2-L
50	50KM-12-2	50KM-11-2	50KM-12-2-L	50KM-11-2-L
70	70KM-12-2	70KM-11-2	70KM-12-2-L	70KM-11-2-L
95	95KM-12-2	95KM-11-2	95KM-12-2-L	95KM-11-2-L
120	120KM-12-2	120KM-11-2	120KM-12-2-L	120KM-11-2-L
150	150KM-12-2	150KM-11-2	–	–
185	185KM-12-2	185KM-11-2	–	–
240	240KM-12-2	240KM-11-2	–	–
300	300KM-12-2	300KM-11-2	–	–



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 fabric tape (graphite) screened cables. Order additional semi-conductive tape (type TSC).

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

For outdoor applications. Order: +MWS.

Components can be ordered individually.

Euromold
a Nexans company

300SA
SURGE ARRESTER FOR 430TB CONNECTOR

Up to 36 kV

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 separable tee connector.

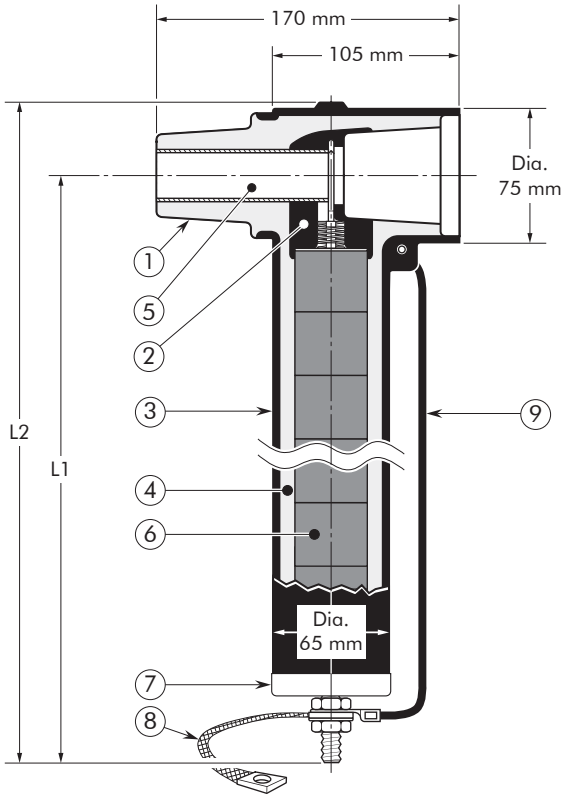
Technical characteristics

- 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.

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

Design

Surge arrester comprising:
1. Interface designed to fit the 430TB 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.
6. Metal oxide valve elements.
7. Steel cap.
8. Earth connection.
9. Earth lead.



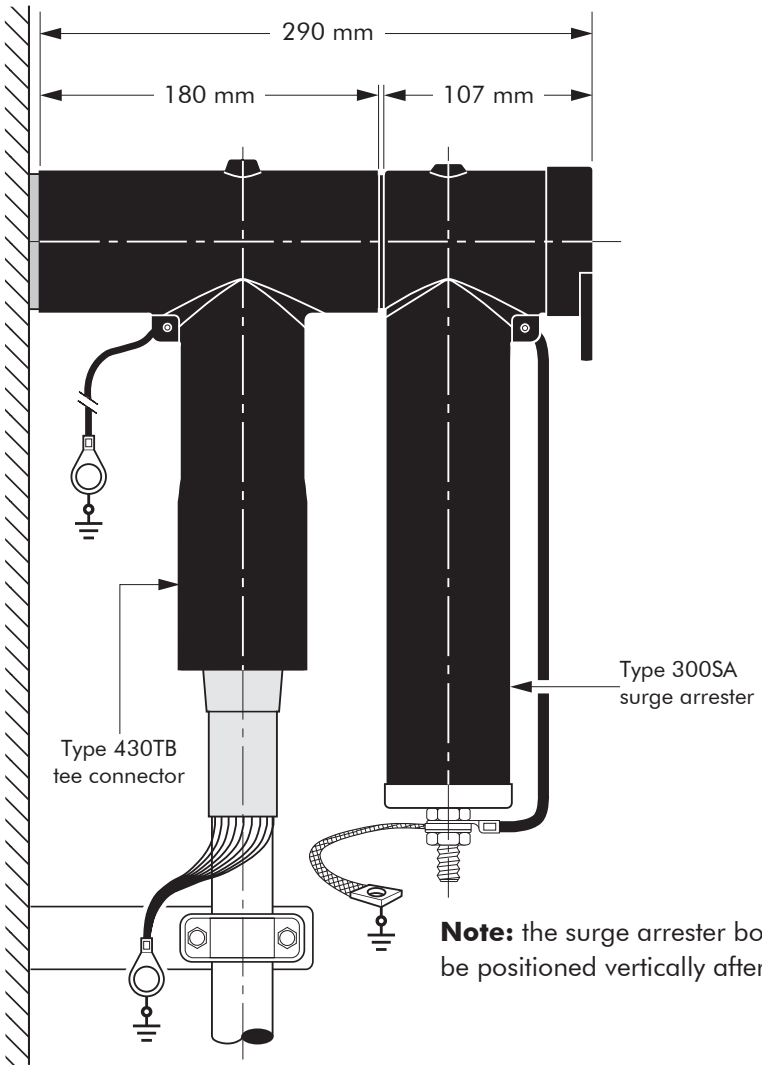
Specifications and standards

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

Surge arrester type	Nominal discharge current In (kA)	Rated voltage Ur (kV)	Max. continuous operating voltage Uc (kV)	Dimensions (mm)	
				L1	L2
300SA-10-6N	10	6	4.8	250	290
300SA-10-9N	10	9	7.2	250	290
300SA-10-12N	10	12	9.6	250	290
300SA-10-15N	10	15	12.0	250	290
300SA-10-18N	10	18	14.4	250	290
300SA-10-22N	10	22	17.6	250	290
300SA-10-24N	10	24	19.2	350	390
300SA-10-30N	10	30	24.0	350	390
300SA-10-33N	10	33	26.4	350	390
300SA-10-36N	10	36	28.8	350	390
300SA-10-45N	10	45	36.0	450	490
300SA-10-51N	10	51	40.8	450	490

10/2013

Typical application and dimensions



Note: the surge arrester body needs to be positioned vertically after installation.

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.

For use in potentially explosive atmospheres (for 12 kV max).
Add -/ATEX to part number.

Technical data

Surge arrester type	Steep current residual voltage @ 10 kA [1/20 µs] (kV)	Lightning current residual voltage [8/20 µs] (kV)			Switching impulse residual voltage [36/90 µs] (kV)		High current impulse withstand (kA)
		@ 5 kA	@ 10 kA	@ 20 kA	@ 125 A	@ 500 A	
300SA-10-6N	20.4	16.8	18.3	20.5	12.9	13.7	100
300SA-10-9N	28.5	23.5	25.6	28.7	18.0	19.2	100
300SA-10-12N	38.0	31.4	34.2	38.3	24.1	25.7	100
300SA-10-15N	48.1	39.7	43.2	48.4	30.5	32.5	100
300SA-10-18N	58.1	48.0	52.2	58.5	36.8	39.2	100
300SA-10-22N	70.1	57.9	63.0	70.6	44.4	47.3	100
300SA-10-24N	77.0	63.6	69.2	77.6	48.8	52.0	100
300SA-10-30N	97.0	80.1	87.2	97.7	61.5	65.5	100
300SA-10-33N	106.3	83.1	90.5	101.4	63.8	68.0	100
300SA-10-36N	115.9	95.7	104.2	116.8	73.5	78.3	100
300SA-10-45N	144.1	119.0	129.5	145.1	91.3	97.3	100
300SA-10-51N	166.0	137.1	149.2	167.2	105.2	112.1	100

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800SA
SURGE ARRESTER FOR 484TB CONNECTOR

Up to 42 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
20.8/36 (42) kV

Application

Surge arrester designed to protect 12, 24, 36 and 42 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 484TB and 489TB separable tee connectors.

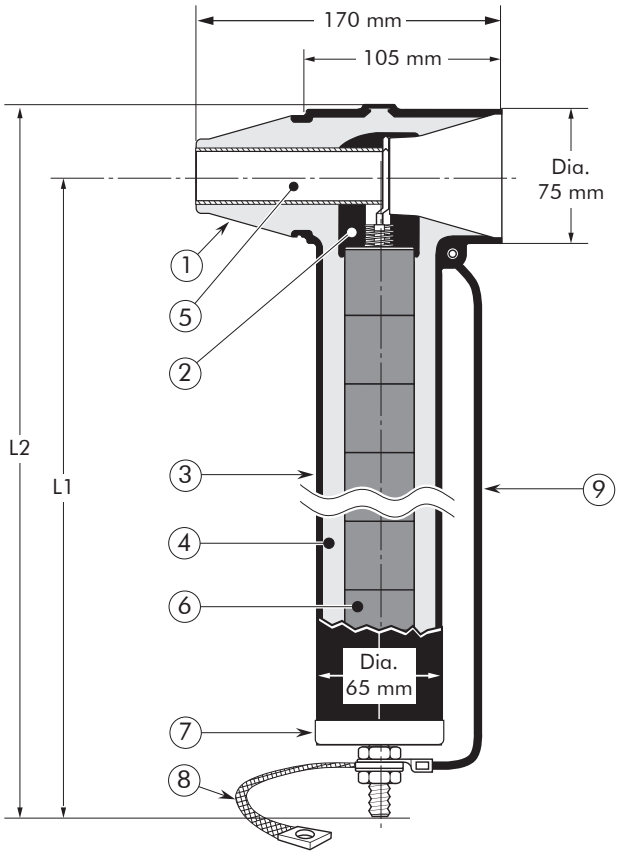
Technical characteristics

- 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 484TB and 489TB 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.
6. Metal oxide valve elements.
7. Steel cap.
8. Earth connection.
9. Earth lead.



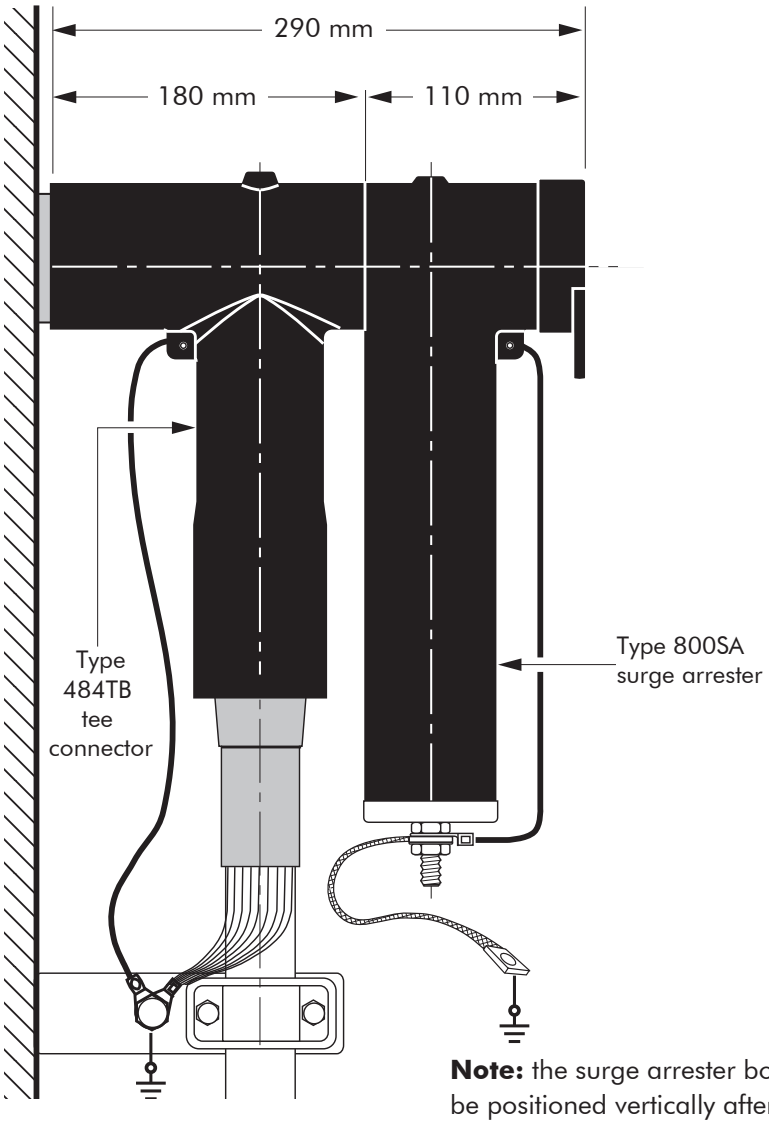
Specifications and standards

The 800SA surge arresters meet the test requirements of IEC 60099-4.

Surge arrester type	Nominal discharge current In (kA)	Rated voltage Ur (kV)	Max. continuous operating voltage Uc (kV)	Dimensions (mm)	
				L1	L2
800SA-10-15N	10	15	12.0	250	290
800SA-10-18N	10	18	14.4	250	290
800SA-10-22N	10	22	17.6	250	290
800SA-10-24N	10	24	19.2	350	390
800SA-10-30N	10	30	24.0	350	390
800SA-10-33N	10	33	26.4	350	390
800SA-10-36N	10	36	28.8	350	390
800SA-10-45N	10	45	36.0	450	490
800SA-10-51N	10	51	40.8	450	490

10/2013

Typical application and dimensions



Note: the surge arrester body needs to be positioned vertically after installation.

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 800SA-10-30N surge arrester.

For use in potentially explosive atmospheres (for 12 kV max).
Add -/ATEX to part number.

Technical data

Surge arrester type	Steep current residual voltage @ 10 kA [1/20 µs] (kV)	Lightning current residual voltage [8/20 µs] (kV)			Switching impulse residual voltage [36/90 µs] (kV)		High current impulse withstand (kA)
		@ 5 kA	@ 10 kA	@ 20 kA	@ 125 A	@ 500 A	
800SA-10-15N	48.1	39.7	43.2	48.4	30.5	32.5	100
800SA-10-18N	58.1	48.0	52.2	58.5	36.8	39.2	100
800SA-10-22N	70.1	57.9	63.0	70.6	44.4	47.3	100
800SA-10-24N	77.0	63.6	69.2	77.6	48.8	52.0	100
800SA-10-30N	97.0	80.1	87.2	97.7	61.5	65.5	100
800SA-10-33N	106.3	83.1	90.5	101.4	63.8	68.0	100
800SA-10-36N	115.9	95.7	104.2	116.8	73.5	78.3	100
800SA-10-45N	144.1	119.0	129.5	145.1	91.3	97.3	100
800SA-10-51N	166.0	137.1	149.2	167.2	105.2	112.1	100

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400TR and 800TR
INTERFACE C
TEST RODS

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 430TB connectors.
- The 800TR is for use with the 484TB.

Design

1. Insulating shroud.
2. Threaded rod for test connection.
3. Two nuts M12.
4. Insulation.
5. Copper test rod stem.

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

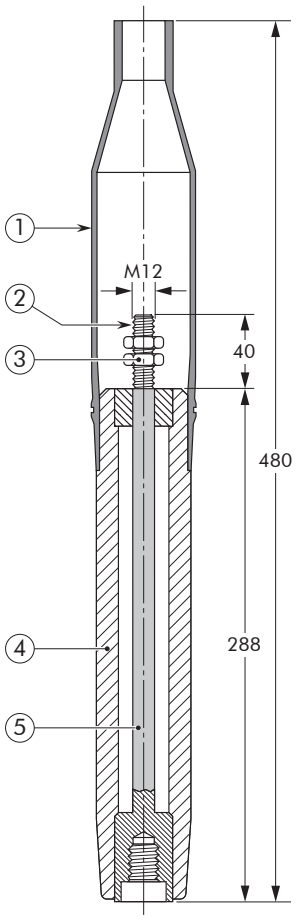
Installation

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.

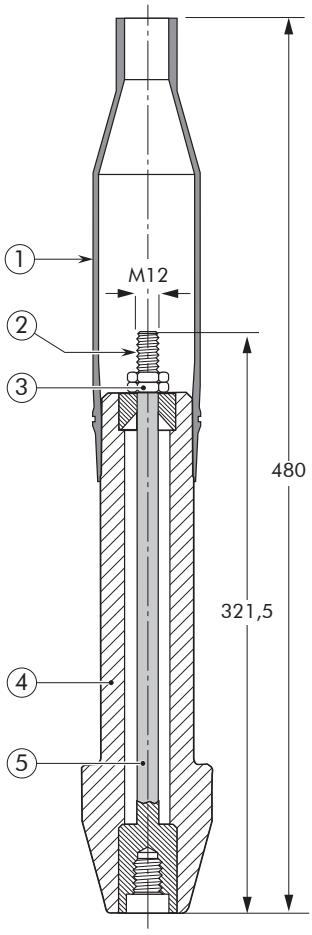
Ordering instructions

Simply specify:
400TR or 800TR test rod.

400TR



800TR



In mm.

Test rod type	Maximum A.C. test voltage (50 Hz - 1 min)	Maximum D.C. test voltage (8 x U_0 - 30 min)	Impulse voltage (1.2 x 50 µs) min
400TR	36 kV	96 kV	95 kV
800TR	36 kV	96 kV	95 kV

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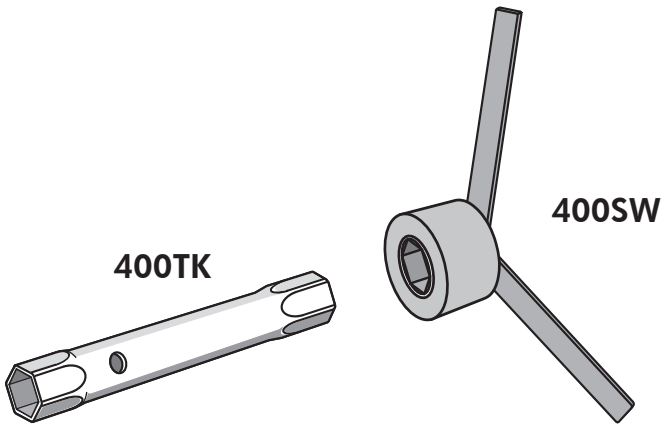
400TK and 400SW
INSTALLATION TOOL

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

ACCESSORIES
INTERFACE C

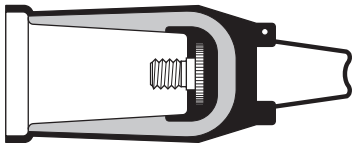
Application
For use with connectors and bushings with an interface C as described by CENELEC EN 50180 and 50181.

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

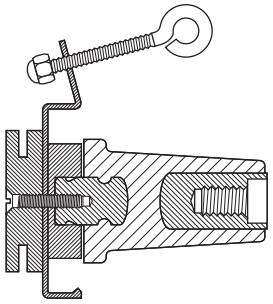
6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV
18/30 (36) kV
19/33 (36) kV
20,8/36 (42) kV

400DR-B/G
Dead-end receptacle
Fits over a bushing with a type C interface to provide 'dead-end' facility. The dead-end receptacle is supplied with an earth lead.



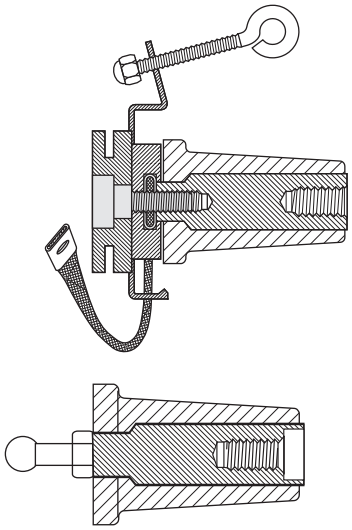
Ordering instructions
Order
400DR-B/G for 12 kV,
K400DR-B/G for 24 kV or
M400DR-B/G for 36 kV
applications.

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 42 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
42 kV applications.

Order
400GP-SBT for a version with a straight bolt terminal.

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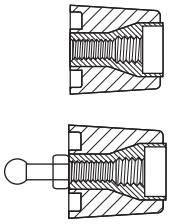
300GP-B
Earthing plug

Is designed to earth the 430TB, 300PB connectors when it is fixed-mounted to the equipment (maintenance earthing).



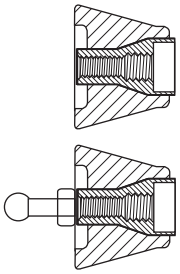
Ordering instructions

Order
300GP-B for 12, 24 or 36 kV applications.

Order
300GP-SBT for a version with a straight ball terminal.

800GP-B
Earthing plug

Is designed to earth the 484TB and 804PB connectors when it is fixed-mounted to the equipment (maintenance earthing).



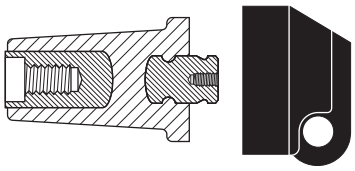
Ordering instructions

Order
800GP-B for 12, 24, 36 or 42 kV applications.

Order
800GP-SBT for a version with a straight ball terminal.

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.

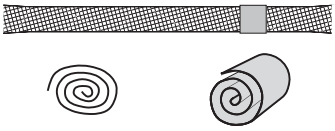


Ordering instructions

Order
400BIPA for 12 kV,
K400BIPA for 24 kV
M400BIPA for 36 kV or
P400BIPA for 42 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.

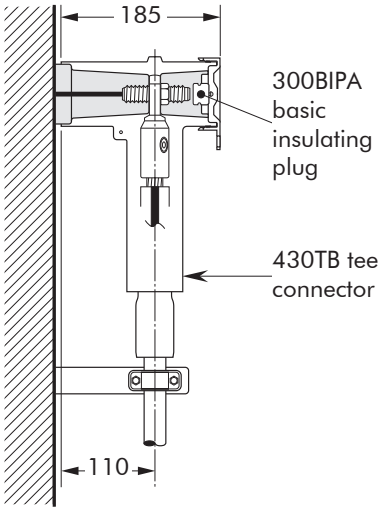


Ordering instructions

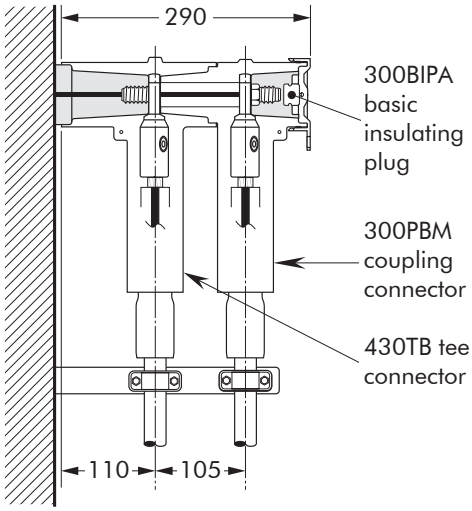
Order
Kit MT for 12 kV, 24 kV,
36 kV or 42 kV applications.

POSSIBLE ARRANGEMENTS
INTERFACE C

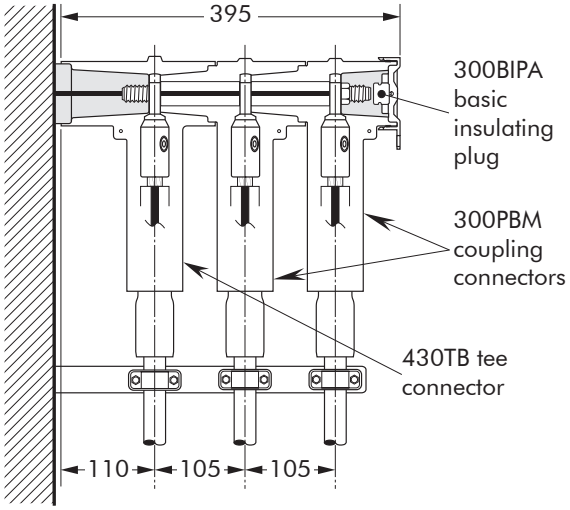
430TB
Single cable arrangement.
Order 430TB for 12 kV,
K430TB for 24 kV or M430TB
for 36 kV applications.



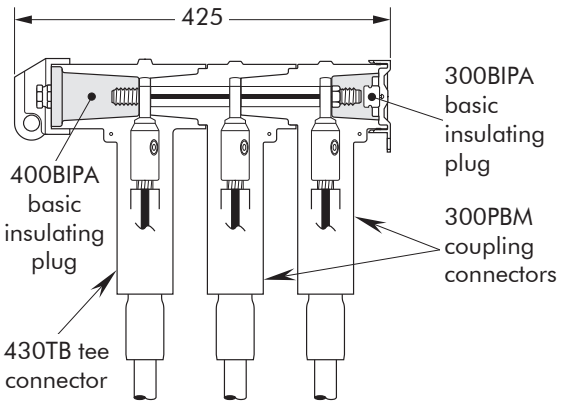
430TBM-P2
Dual cable arrangement.
Order 430TBM-P2 for 12 kV,
K430TBM-P2 for 24 kV or
M430TBM-P2 for 36 kV
applications.



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.

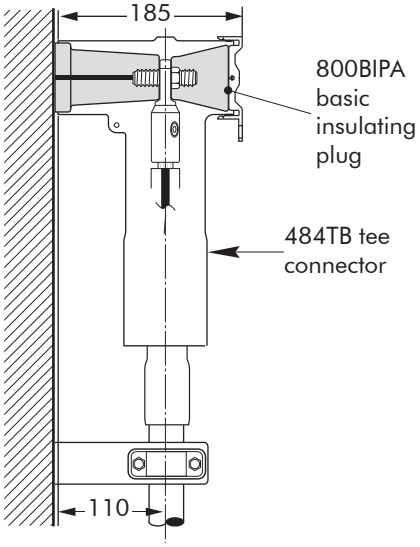


In mm.

10/2013

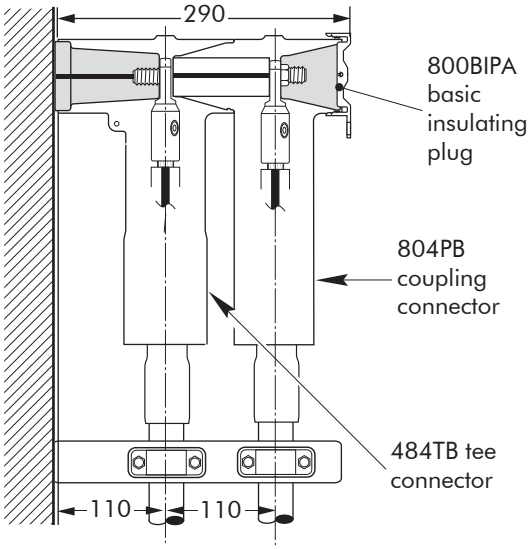
484TB

Single cable arrangement.
Order 484TB for 12 kV, K484TB for 24 kV, M484TB for 36 kV or P484TB for 42 kV applications.



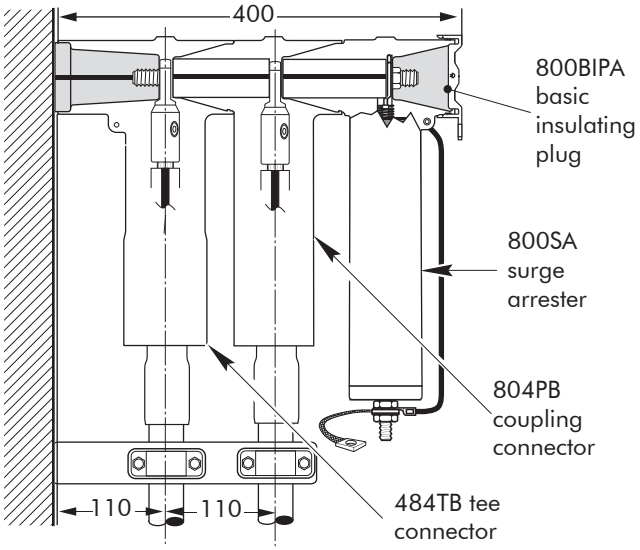
484TB-P2

Dual cable arrangement.
Order 484TB-P2 for 12 kV, K484TB-P2 for 24 kV or M484TB-P2 for 36 kV or P484TB-P2 for 42kV applications.



484TB-P2 + 800SA

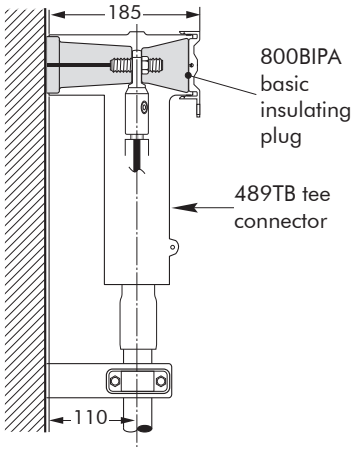
Dual cable arrangement with surge arrester.
Order 484TB-P2+800SA for 12 kV, K484TB-P2+800SA for 24 kV, M484TB-P2+800SA for 36 kV or P484TB-P2+800SA for 42 kV applications.



In mm.

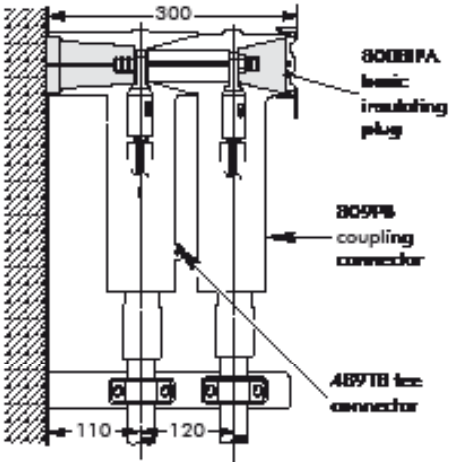
489TB

Single cable arrangement.
Order 489TB for 12 kV, K489TB for 24 kV, M489TB for 36 kV or P484TB for 42 kV applications.



489TB-P2

Dual cable arrangement.
Order 489TB-P2 for 12 kV, K489TB-P2 for 24 kV or M489TB-P2 for 36 kV or P489TB-P2 for 42kV applications.



In mm.

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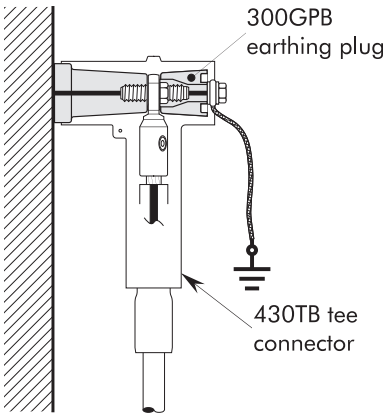
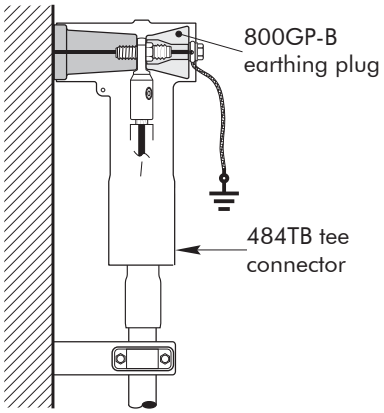
Earthing plug on connector

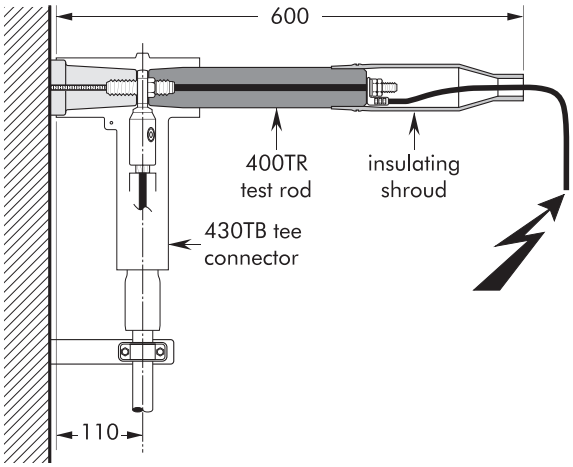
Order 300GP-B for 12 kV, 24 kV and 36 kV applications.

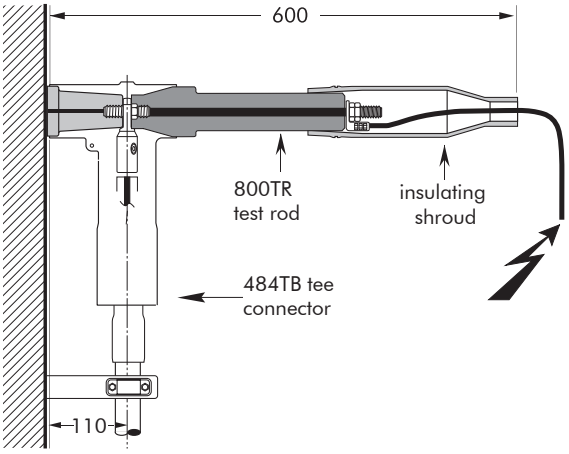


Order 800GP-B for 12 kV, 24 kV, 36 kV or 42 kV applications.



Cable and equipment testing





In mm.

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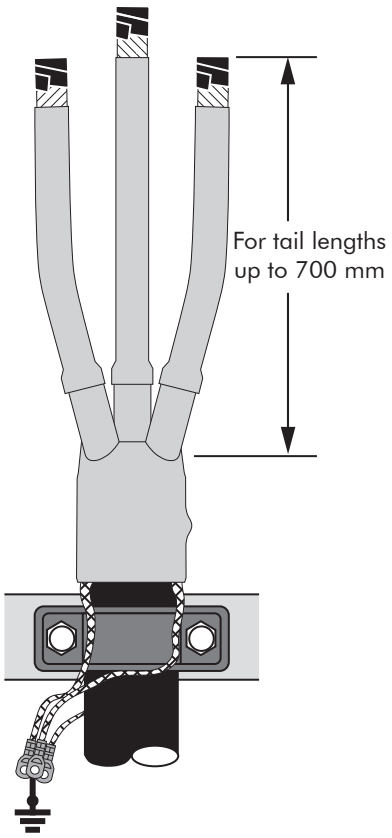
T-HSBK
THREE CORE HEAT-SHRINK BREAKOUT KIT

Application
For sealing of three core polymeric insulated cable crutches and earthing of the metallic screens and armour. For use with Euromold separable connectors with ground lead (/G) or with terminations.

Technical characteristics
The installed breakout fullfills the requirements of IP54. The armouring and screen connection systems have short circuit rating (Isc) of up to 5,1 kA/1s.

Design
The three core heat-shrink breakout kit consists of (depending on cable type): a heat-shrinkable breakout, 3 sleeves of 500 mm, earth braid and roll springs, hose clamp, water sealing mastic and installation instructions.

Ordering instructions
To order the 3-core kit, select the part number, which gives you the best centering over the cable core insulation diameter and substitute **X** using table X, according to your cable type.



Ordering part number	Typical use Conductor sizes (mm²)		Diameter over core isolation (mm)	Diameter over armour (mm)
	12, 17 & 24 kV	36 kV		
T-HSBK-20-**X**	16-95	-	12-23	50-70
T-HSBK-30-**X**	95-240	16-95	19-31	60-80
T-HSBK-40-**X**	185-400	95-240	24-35	70-90
T-HSBK-50-**X**	-	185-400	32-40	80-100

Table X

X depending on cable type	X
Unarmoured, individual copper tape screen	DR1K
Unarmoured, individual copper wire screen	DR2K
Unarmoured, common copper wire screen	DR3K
Armoured, individual copper tape or wire screen	DR1F/DR2F
Armoured, common copper wire screen	DR3F

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Additional catalogue information on power cable accessories
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