

NKS

POWER

15kV Separable Front Connector

Overview

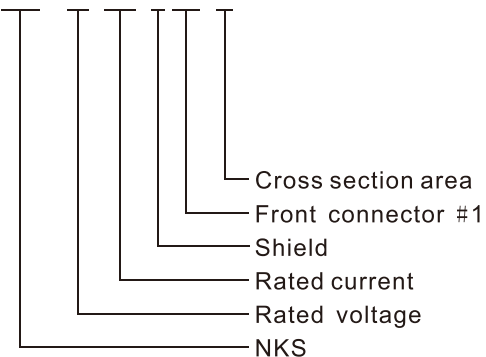
Separable front connector is suitable for RMUs, box-type substations, cable branch boxes, etc., and provides fully shielded, fully insulated, and fully sealed connections between power cables and inlet & outlet epoxy bushings of switchgears.

Features

- ◆ Matches the type-C bushing in EN50180 & 50181.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

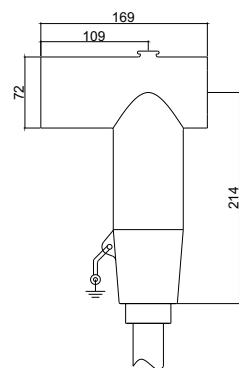
NKS-15/630-PQ1-□



NO.	Item Code	Cross section area
1	60101CPS-SZ	25mm ²
2	60102CPS-SZ	35mm ²
3	60103CPS-SZ	50mm ²
4	60104CPS-SZ	70mm ²
5	60105CPS-SZ	95mm ²
6	60106CPS-SZ	120mm ²
7	60107CPS-SZ	150mm ²
8	60108CPS-SZ	185mm ²
9	60109CPS-SZ	240mm ²
10	60110CPS-SZ	300mm ²
11	60111CPS-SZ	400mm ²
12	60112CPS-SZ	500mm ²
13	60113CPS-SZ	630mm ²



Separable front connector
NKS-15/630-PQ1-□



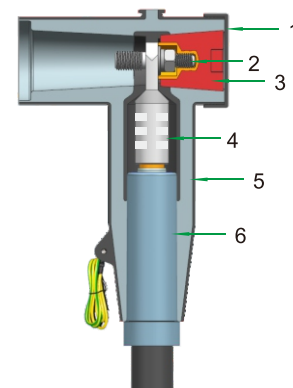
Electrical Performance

Rated voltage	15kV
Withstand voltage (AC)	39kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	105kV (±times)
Shield resistance	<5000Ω
Cable cross section	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Rear cover
2. Bolt kit
3. Insulation plug
4. Crimp terminal
5. Connector
6. Stress cone
7. Silicon grease
8. Cleaning paper
9. Installation manual
10. Certificate of quality



NKS

POWER

15kV Separable Rear Connector

Overview

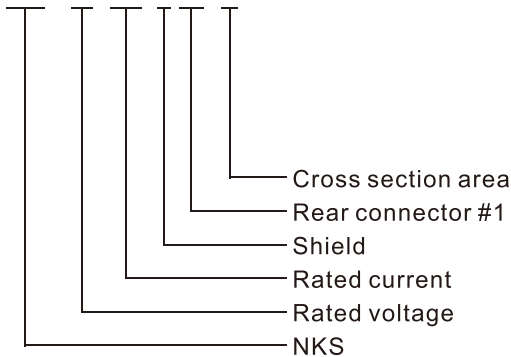
Separable rear connector can be connected with front connector or another rear connector to provide an extended cable connection circuit (branch), but cannot be directly connected to the bushing. Its tail can be sealed with an insulating end cap or connect with an elbow lightning arrester.

Features

- ◆ Compatible with C-type separable front connectors or series rear connectors.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

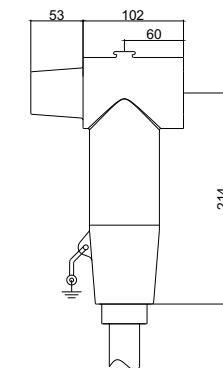
NKS-15/630-PH1-□



NO.	Item Code	Cross section area
1	60401CPS-SZ	25mm ²
2	60402CPS-SZ	35mm ²
3	60403CPS-SZ	50mm ²
4	60404CPS-SZ	70mm ²
5	60405CPS-SZ	95mm ²
6	60406CPS-SZ	120mm ²
7	60407CPS-SZ	150mm ²
8	60408CPS-SZ	185mm ²
9	60409CPS-SZ	240mm ²
10	60410CPS-SZ	300mm ²
11	60411CPS-SZ	400mm ²
12	60412CPS-SZ	500mm ²
13	60413CPS-SZ	630mm ²



Separable rear connector
NKS-15/630-PH1-□



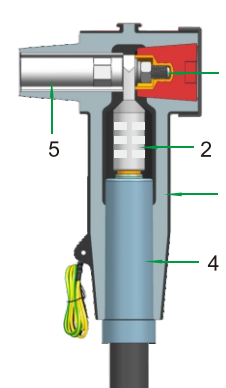
Electrical Performance

Rated voltage	15kV
Withstand voltage (AC)	39kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	105kV
Shield resistance	<5000Ω (±times)
Cable cross section	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Bolt kit
2. Crimp terminal
3. Connector
4. Stress cone
5. Connect rod
6. Silicone grease
7. Cleaning paper
8. Installation manual
9. Certificate of quality



NKS POWER

15kV Separable Front Connector

Overview

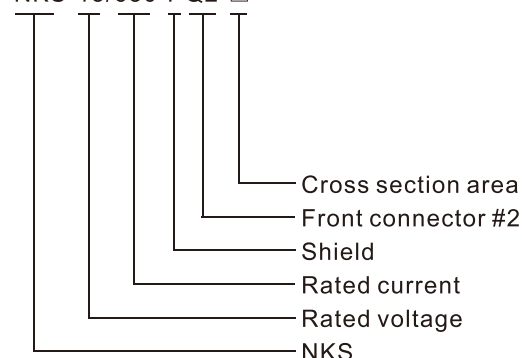
Separable front connector is suitable for RMUs, box-type substations, cable branch boxes, etc., and provides fully shielded, fully insulated, and fully sealed connections between power cables and inlet & outlet epoxy bushings of switchgears.

Features

- ◆ Matches the type-C bushing in EN50180 & 50181.
- ◆ Implement standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality EPDM, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

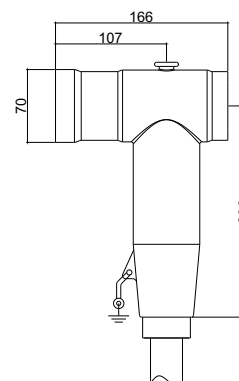
NKS-15/630-PQ2-□



NO.	Item Code	Cross section area
1	60201CPS-SZ	25mm ²
2	60202CPS-SZ	35mm ²
3	60203CPS-SZ	50mm ²
4	60204CPS-SZ	70mm ²
5	60205CPS-SZ	95mm ²
6	60206CPS-SZ	120mm ²
7	60207CPS-SZ	150mm ²
8	60208CPS-SZ	185mm ²
9	60209CPS-SZ	240mm ²
10	60210CPS-SZ	300mm ²
11	60211CPS-SZ	400mm ²
12	60212CPS-SZ	500mm ²
13	60213CPS-SZ	630mm ²



Separable front connector
NKS-15/630-PQ2-□



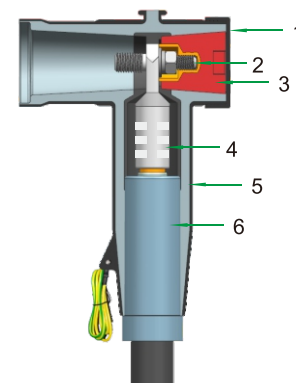
Electrical Performance

Rated voltage	15kV
Withstand voltage (AC)	39kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	105kV (±times)
Shield resistance	<5000 Ω
Cable cross section	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Rear cover
2. Bolt kit
3. Insulation plug
4. Crimp terminal
5. Connector
6. Stress cone
7. Silicone grease
8. Cleaning paper
9. Installation manual
10. Certificate of quality



NKS POWER

15kV Separable Rear Connector

Overview

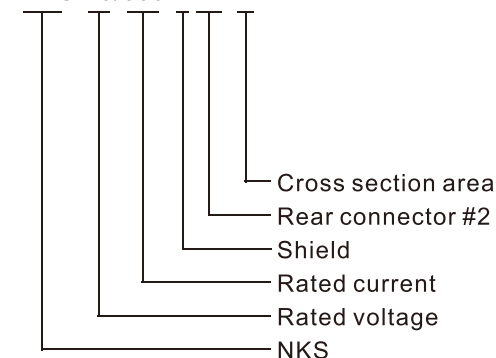
Separable rear connector can be connected with front connector or another rear connector to provide an extended cable connection circuit (branch), but cannot be directly connected to the bushing. Its tail can be sealed with an insulating end cap or connect with an elbow lightning arrester.

Features

- ◆ Compatible with C-type separable front connectors or series rear connectors.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality EPDM, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

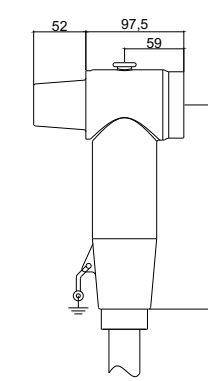
NKS-15/630-PH2-□



NO.	Item Code	Cross section area
1	60501CPS-SZ	25mm ²
2	60502CPS-SZ	35mm ²
3	60503CPS-SZ	50mm ²
4	60504CPS-SZ	70mm ²
5	60505CPS-SZ	95mm ²
6	60506CPS-SZ	120mm ²
7	60507CPS-SZ	150mm ²
8	60508CPS-SZ	185mm ²
9	60509CPS-SZ	240mm ²
10	60510CPS-SZ	300mm ²
11	60511CPS-SZ	400mm ²
12	60512CPS-SZ	500mm ²
13	60513CPS-SZ	630mm ²



Separable rear connector
NKS-15/630-PH2-□



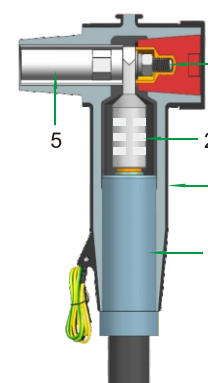
Electrical Performance

Rated voltage	15kV
Withstand voltage (AC)	39kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	105kV (±times)
Shield resistance	<5000 Ω
Cable cross section	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Bolt kit
2. Crimp terminal
3. Connector
4. Stress cone
5. Connect rod
6. Silicone grease
7. Cleaning paper
8. Installation manual
9. Certificate of quality



NKS POWER

24kV Separable Front Connector

Overview

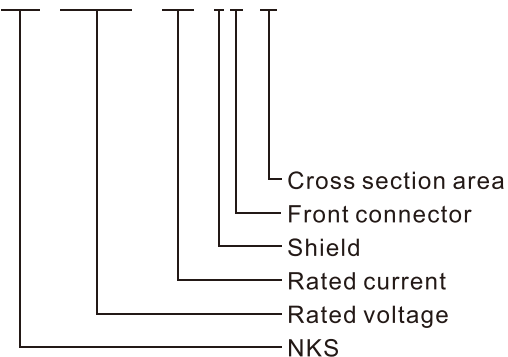
Separable front connector is suitable for RMUs, box-type substations, cable branch boxes, etc., and provides fully shielded, fully insulated, and fully sealed connections between power cables and inlet & outlet epoxy bushings of switchgears.

Features

- ◆ Matches the type-C bushing in EN50180 & 50181.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

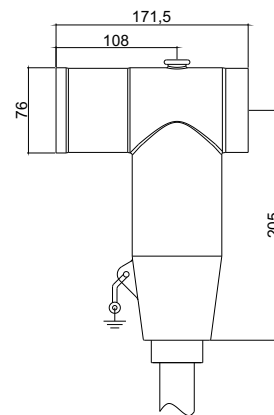
NKS-24(30)/630-PQ-□



NO.	Item Code	Cross section area
1	90101CPS-SZ	25mm ²
2	90102CPS-SZ	35mm ²
3	90103CPS-SZ	50mm ²
4	90104CPS-SZ	70mm ²
5	90105CPS-SZ	95mm ²
6	90106CPS-SZ	120mm ²
7	90107CPS-SZ	150mm ²
8	90108CPS-SZ	185mm ²
9	90109CPS-SZ	240mm ²
10	90110CPS-SZ	300mm ²
11	90111CPS-SZ	400mm ²
12	90112CPS-SZ	500mm ²
13	90113CPS-SZ	630mm ²



Separable front connector
NKS-24/630-PQ-□



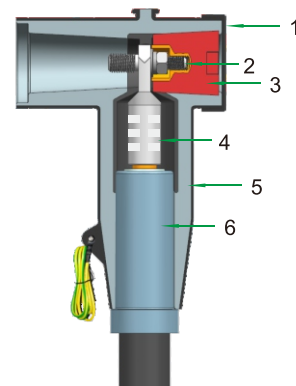
Electrical Performance

Rated voltage	12/24kV	18/30kV
Withstand voltage (AC)	54kV/5min	81kV/5min
Partial discharge	21kV≤10pc	31kV<10pc
Lightning impact voltage	125kV (±times)	170kV (±times)
Shield resistance	<5000Ω	<5000Ω
Cable cross section	25-630mm ²	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Rear cover
2. Bolt kit
3. Insulation plug
4. Crimp terminal
5. Connector
6. Stress cone
7. Silicone grease
8. Cleaning paper
9. Installation manual
10. Certificate of quality



NKS POWER

24kV Separable Rear Connector

Overview

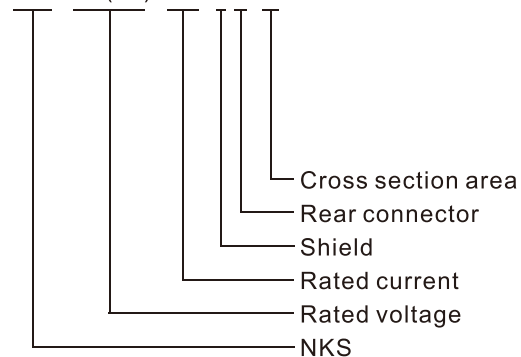
Separable rear connector can be connected with front connector or another rear connector to provide an extended cable connection circuit (branch), but cannot be directly connected to the bushing. Its tail can be sealed with an insulating end cap or connect with an elbow lightning arrester.

Features

- ◆ Compatible with C-type separable front connectors or series rear connectors.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

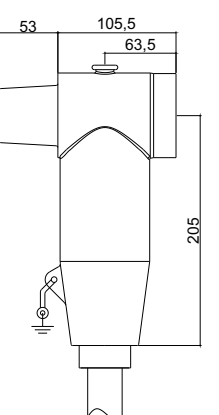
NKS-24(30)/630-PH-□



NO.	Item Code	Cross section area
1	90501CPS-SZ	25mm ²
2	90502CPS-SZ	35mm ²
3	90503CPS-SZ	50mm ²
4	90504CPS-SZ	70mm ²
5	90505CPS-SZ	95mm ²
6	90506CPS-SZ	120mm ²
7	90507CPS-SZ	150mm ²
8	90508CPS-SZ	185mm ²
9	90509CPS-SZ	240mm ²
10	90510CPS-SZ	300mm ²
11	90511CPS-SZ	400mm ²
12	90512CPS-SZ	500mm ²
13	90513CPS-SZ	630mm ²



Separable rear connector
NKS-24/630-PH-□



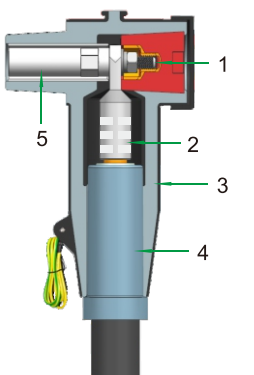
Electrical Performance

Rated voltage	12/24kV	18/30kV
Withstand voltage (AC)	54kV/5min	81kV/5min
Partial discharge	21kV≤10pc	31kV<10pc
Lightning impact voltage	125kV (±times)	170kV (±times)
Shield resistance	<5000Ω	<5000Ω
Cable cross section	25-630mm ²	25-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Bolt kit
2. Crimp terminal
3. Connector
4. Stress cone
5. Connect rod
6. Silicone grease
7. Cleaning paper
8. Installation manual
9. Certificate of quality



NKS

POWER

35kV Separable Front Connector

Overview

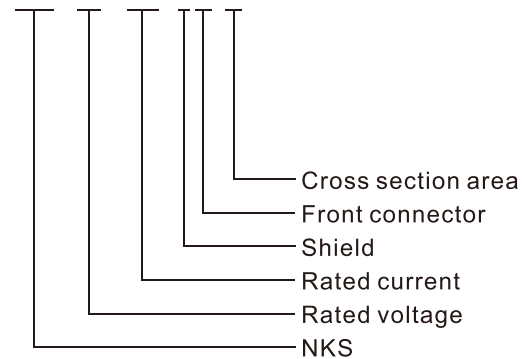
Separable connector is suitable for the (XLPE cable) inlet and outlet termination of RMU, connecting with the bushing seats of the switchgear, the wall bushing of cable branch box and the double-way bushing. It is also suitable for box-type substations. Provide fully insulated and fully sealed connection of power cables to switchgear cabinets or cable branch boxes. When working, it is connected to the bushing socket of the switchgear with bolts, and its tail can be directly plugged with an insulating cover, or it can be expanded by connecting with a separable rear connector or a rear lightning arrester.

Features

- ◆ Matches the type-C bushing in EN50180 & 50181.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

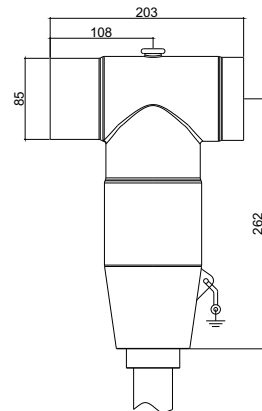
NKS-35 / 630-PQ-□



NO.	Item Code	Cross section area
1	96001CPS-SZ	25mm ²
2	96002CPS-SZ	35mm ²
3	96003CPS-SZ	50mm ²
4	96004CPS-SZ	70mm ²
5	96005CPS-SZ	95mm ²
6	96006CPS-SZ	120mm ²
7	96007CPS-SZ	150mm ²
8	96008CPS-SZ	185mm ²
9	96009CPS-SZ	240mm ²
10	96010CPS-SZ	300mm ²
11	96011CPS-SZ	400mm ²
12	96012CPS-SZ	500mm ²
13	96013CPS-SZ	630mm ²



Separable front connector
NKS-35/630-PQ-□



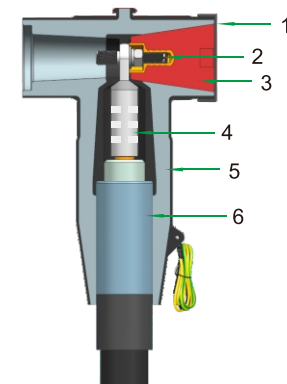
Electrical Performance

Rated voltage	35kV
Withstand voltage (AC)	117kV/5min
Partial discharge	45kV<10pc
Lightning impact voltage	200kV (±times)
Shield resistance	<5000 Ω
Cable cross section	35-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Rear cover
2. Bolt kit
3. Insulation plug
4. Crimp terminal
5. Connector
6. Stress cone
7. Silicone grease
8. Cleaning paper
9. Installation manual
10. Certificate of quality



NKS

POWER

35kV Separable Rear Connector

Overview

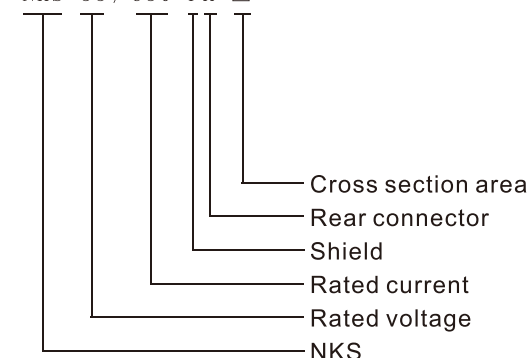
Separable rear connector can be connected with front connector or another rear connector to provide an extended cable connection circuit (branch), but cannot be directly connected to the bushing. Its tail can be sealed with an insulating end cap or connect with an elbow lightning arrester.

Features

- ◆ Compatible with C-type separable front connectors or series rear connectors.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ Without minimum safety distance between phases, can work in harsh environments.
- ◆ Provides full shielding, full insulation and full sealing connections.

Model

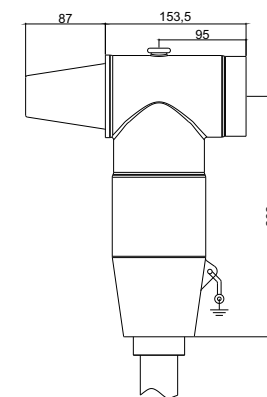
NKS-35 / 630-PH-□



NO.	Item Code	Cross section area
1	96031CPS-SZ	25mm ²
2	96032CPS-SZ	35mm ²
3	96033CPS-SZ	50mm ²
4	96034CPS-SZ	70mm ²
5	96035CPS-SZ	95mm ²
6	96036CPS-SZ	120mm ²
7	96037CPS-SZ	150mm ²
8	96038CPS-SZ	185mm ²
9	96039CPS-SZ	240mm ²
10	96040CPS-SZ	300mm ²
11	96041CPS-SZ	400mm ²
12	96042CPS-SZ	500mm ²
13	96043CPS-SZ	630mm ²



Separable rear connector
NKS-35/630-PH-□



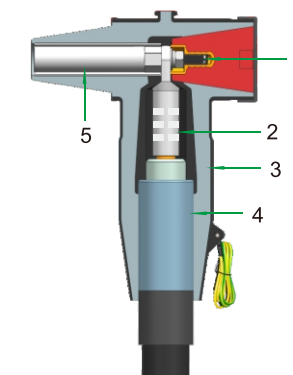
Electrical Performance

Rated voltage	35kV
Withstand voltage (AC)	117kV/5min
Partial discharge	45kV<10pc
Lightning impact voltage	200kV (±times)
Shield resistance	<5000 Ω
Cable cross section	35-630mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Bolt kit
2. Crimp terminal
3. Connector
4. Stress cone
5. Connect rod
6. Silicone grease
7. Cleaning paper
8. Installation manual
9. Certificate of quality



NKS POWER

15 (24) kV Separable Straight Connector

Overview

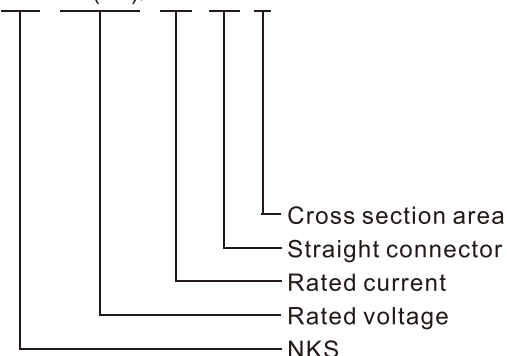
Straight connectors are suitable for 15kV and 24kV electrical systems with a continuous 250A rated current. They are used for 250A outlets of European-style ring main unit or dedicated cable outlet termination of combined transformers adopting European-style RMU. Applicable cable cross section: 25-120mm²

Features

- ◆ Matches the type-A bushing in EN50180 & 50181.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ The test point can be equipped with a live display or a fault indicator to display the live state and fault state of the equipment.
- ◆ With a cold-shrink sealing tube to prevent moisture intrusion and provides fully shielded, fully insulated and fully sealed connection.

Model

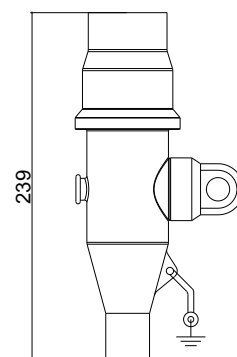
NKS-15(24)/250-ZC-□



NO.	Item Code	Cross section area
1		25mm ²
2	61701CPS-SZ	35mm ²
3		50mm ²
4	61702CPS-SZ	70mm ²
5		95mm ²
6	61703CPS-SZ	120mm ²
7		25mm ²
8	61704CPS-SZ	35mm ²
9		50mm ²
10	61705CPS-SZ	70mm ²
11		95mm ²
12	61706CPS-SZ	120mm ²



Straight connector
NKS-15(24)/250-ZC-□



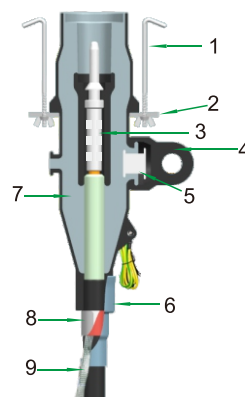
Electrical Performance

	15kV	24kV
Rated voltage	15kV	24kV
Withstand voltage (AC)	39kV/5min	54kV/5min
Partial discharge	15kV<10pc	20kV<10pc
Lightning impact voltage	95kV (±times)	125kV (±times)
Shield resistance	<5000Ω	<5000Ω
Cable cross section	25-120mm ²	25-120mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Pull hook kit
2. Platen
3. Crimp terminal
4. Test point cap
5. Test point
6. Sealed tube
7. Connector
8. Constant force spring
9. Ground wire
10. Silicone grease
11. Cleaning paper
12. Installation manual
13. Certificate of quality



NKS POWER

15 (24) kV Separable Elbow Connector

Overview

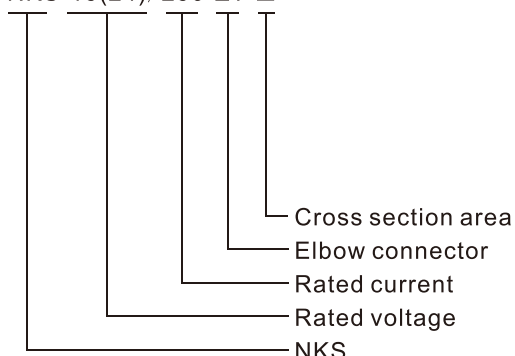
Elbow connectors are suitable for 15kV and 24kV electrical systems with a continuous 250A rated current. They are used for 250A outlets of European-style ring main unit or dedicated cable outlet termination of combined transformers adopting European-style RMU. Applicable cable cross section: 25-120mm²

Features

- ◆ Matches the type-A bushing in EN50180 & 50181.
- ◆ Implements standards: IEC60502.4, GB/T12706.4.
- ◆ Made of high-quality silicone rubber, has excellent performance of moisture-proof, shock-resistance, corona-resistance, aging-resistance and resistance to alternating cold and heat.
- ◆ The test point can be equipped with a live display or a fault indicator to display the live state and fault state of the equipment.
- ◆ With a cold-shrink sealing tube to prevent moisture intrusion and provides fully shielded, fully insulated and fully sealed connection.

Model

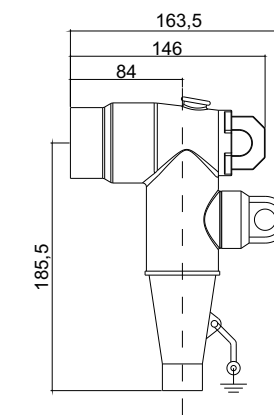
NKS-15(24)/250-ZT-□



NO.	Item Code	Cable cross section
1		25mm ²
2	61711CPS-SZ	35mm ²
3		50mm ²
4	61712CPS-SZ	70mm ²
5		95mm ²
6	61713CPS-SZ	120mm ²
7		25mm ²
8	61714CPS-SZ	35mm ²
9		50mm ²
10	61715CPS-SZ	70mm ²
11		95mm ²
12	61716CPS-SZ	120mm ²



Elbow connector
NKS-15(24)/250-ZT-□



Electrical Performance

	15kV	24kV
Rated voltage	15kV	24kV
Withstand voltage (AC)	39kV/5min	54kV/5min
Partial discharge	15kV<10pc	20kV<10pc
Lightning impact voltage	95kV (±times)	125kV (±times)
Shield resistance	<5000Ω	<5000Ω
Cable cross section	25-120mm ²	25-120mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

1. Pull hook kit
2. Platen
3. Crimp terminal
4. Test point cap
5. Test point
6. Sealed tube
7. Conducting rod
8. Connector
9. Constant force spring
10. Ground wire
11. Silicone grease
12. Cleaning paper
13. Installation manual
14. Certificate of quality

