

NKS POWER

15kV Elbow Connector

Overview

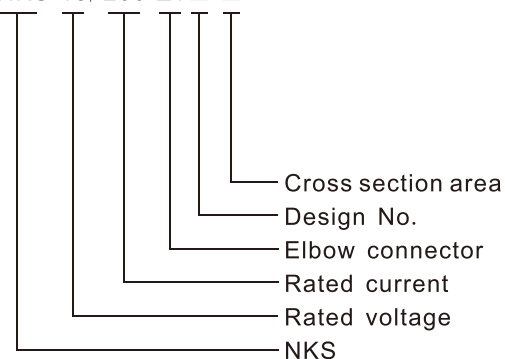
Elbow connector is suitable for 200A electrical system, and is widely used in HV connection of American box-type transformer, ring main unit, cable branch box, buried transformer and other electrical equipment. The interfaces to connect with it include: single-pass bushing, double-pass bushing, 200A interface of busbar and interface of American T2 connector.

Features

Rated current 200A, matches the bushing of IEEE386 standard.
The test point can be equipped with a live display or a fault indicator.
The front end of the conductive rod has an arc extinguishing function, which can be used as a load switch to break 200A current, but it cannot cut off the fault current.
The outer shielding is effectively grounded to maintain zero potential to ensure the safety of operators.
Fully shielded, fully insulated and fully sealed connections, effectively solving the problem of moisture intrusion.

Model

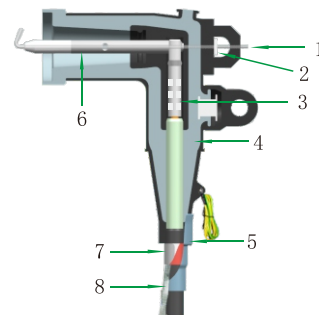
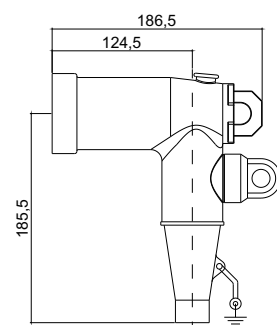
NKS-15/200-ZT□-□



NO.	Model	Item Code	Cross section area
1	NKS-15/200-ZT1	61601CPS-SZ	25mm ²
2		61602CPS-SZ	35mm ²
3		61603CPS-SZ	50mm ²
4		61604CPS-SZ	70mm ²
5		61605CPS-SZ	95mm ²
6		61606CPS-SZ	120mm ²



15kV Elbow connector
NKS-15/200-ZT1-□



Electrical Performance

Rated voltage	15kV
Rated current	200A
Withstand voltage (AC)	42kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	95kV (±times)
Breaking current	14.4kV, 200A, 10times
Shield resistance	<5000Ω
Applicable cable cross section	25-120mm ²

Note: This product meets the requirements of IEC 60502.

Main Accessories

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

NKS POWER

35kV Screen Front Connector

Overview

35kV front connector is suitable for cable branch boxes, combined transformers, and input & output cables of C-GIS systems with power frequency AC voltage of 35kV and below. Provides full insulation, full sealing and full shielding protection of connection. The applicable cable cross section is 50-630 mm² and the IEEE bushing size is Φ40xΦ61x105mm.

Features

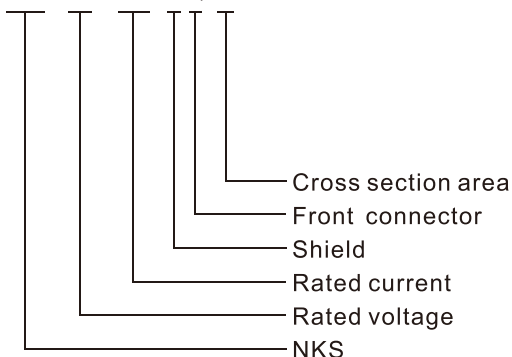
Matches the type-E bushing in EN50180-50185 and 600A bushing interface in IEEE386.
Implements standards: IEC60502.4, GB/T12706.4.
Made of high-quality silicone rubber, which has excellent moisture-proof, shock-resistant, corona-resistant and anti-leakage, resistance to alternating cold and heat, aging resistance and insulation performance.
The outer shielding is effectively grounded to maintain zero potential to ensure the safety of operators.



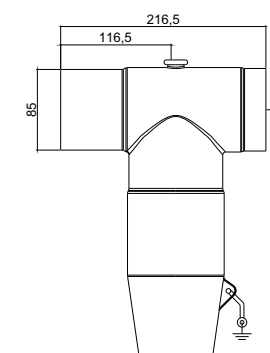
35kV American front connector
NKS-35/600-PQ-□

Model

NKS-35/600-PQ-□



NO.	Item Code	Cross section area
1	96041CPS-SZ	25mm ²
2	96042CPS-SZ	35mm ²
3	96043CPS-SZ	50mm ²
4	96044CPS-SZ	70mm ²
5	96045CPS-SZ	95mm ²
6	96046CPS-SZ	120mm ²
7	96047CPS-SZ	150mm ²
8	96048CPS-SZ	185mm ²
9	96049CPS-SZ	240mm ²
10	96050CPS-SZ	300mm ²
11	96051CPS-SZ	400mm ²
12	96052CPS-SZ	500mm ²
13	96053CPS-SZ	630mm ²



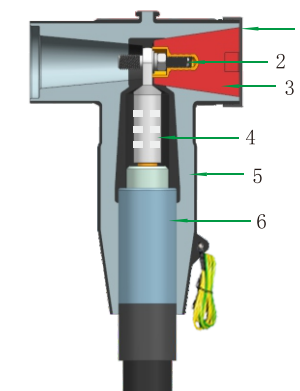
Electrical Performance

Rated voltage	35kV
Rated current	600A
Withstand voltage (AC)	117kV/5min
Partial discharge	45kV<10pc
Lightning impact voltage	200kV (±times)
Shield resistance	<5000Ω
Applicable 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



Overview

Elbow connector can provide power supply for the electric operating mechanism, and also connect to the high voltage side of metering protection transformer to provide full insulation, full shield and full sealing protection with reliable anti-ioosening device. Applicable cable cross section 25-120mm²

Features

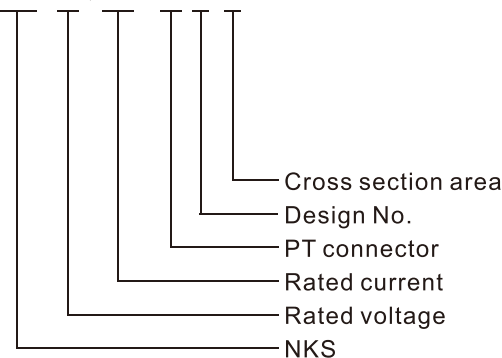
Rated current 200A, matches the 15kV bushing of IEEE386 standard. Implements standards: IEC60502.4, GB/T12706.4, IEEE386.

Made of high-quality silicone rubber, which has excellent electrical properties. Minimum center distance short version is 385mm and long version is 420mm.

With sealed tubes to prevent moisture intrusion and provides fully shielded, fully insulated and fully sealed connections.

Model

NKS-15/200-PT□-□



NO.	Model	Item Code	Cross section area
1	NKS-15/200-PT1	61301CPS-SZ	16mm ²
2		61302CPS-SZ	25mm ²
3		61303CPS-SZ	35mm ²
4		61304CPS-SZ	50mm ²
5		61305CPS-SZ	70mm ²
6		61306CPS-SZ	95mm ²
7		61307CPS-SZ	120mm ²
8	NKS-15/200-PT2	61401CPS-SZ	16mm ²
9		61402CPS-SZ	25mm ²
10		61403CPS-SZ	35mm ²
11		61404CPS-SZ	50mm ²
12		61405CPS-SZ	70mm ²
13		61406CPS-SZ	95mm ²
14		61407CPS-SZ	120mm ²

Electrical Performance

Rated voltage	15kV
Rated current	200A
Withstand voltage (AC)	42kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	95kV (±times)
Breaking current	14. 4kV, 200A, 10 times
Shield resistance	<5000 Ω
Applicable cable cross section	16-120mm ²

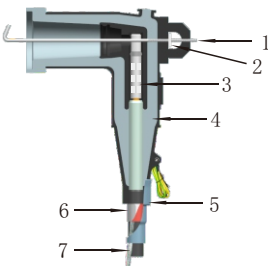
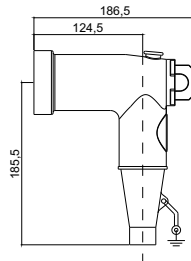
Note: This product meets the requirements of IEC 60502.

Main Accessories

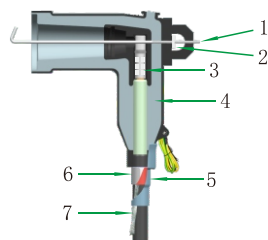
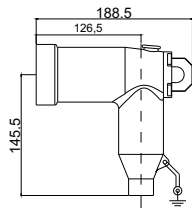
1. Pull hook kit
2. Platen
3. Crimp terminal
4. Connector
- 5.Sealed tube
- 6.Constant force spring
7. Ground wire
8. Sand cloth strip
9. Silicone grease
10. Cleaning paper
11. Installation manual
12. Certificate of quality



15kV PT Connector
NKS-15/200-PT1-□



15kV PT Connector
NKS-15/200-PT2-□



Overview

Elbow connector can provide power supply for the electric operating mechanism, and also connect to the high voltage side of metering protection transformer to provide full insulation, full shield and full sealing protection with reliable anti-loosening device. Applicable cable cross section 25-120mm²

Features

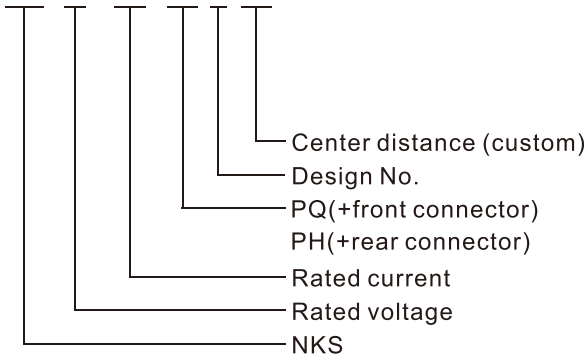
Rated current 200A, matches the 15kV bushing of IEEE386 standard. Implements standards: IEC60502.4, GB/T12706.4, IEEE386.

Made of high-quality silicone rubber, which has excellent electrical properties. Minimum center distance short version is 385mm and long version is 420mm.

With sealed tubes to prevent moisture intrusion and provides fully shielded, fully insulated and fully sealed connections.

Model

NKS-15/200-P□□-L□



NO.	Model	Item Code	Cross section area
1	NKS-15/200-PQ1	63101CPS-SZ	16mm ²
2		63102CPS-SZ	25mm ²
3		63103CPS-SZ	35mm ²
4	NKS-15/200-PQ2	63111CPS-SZ	16mm ²
5		63112CPS-SZ	25mm ²
6		63113CPS-SZ	35mm ²
7	NKS-15/200-PH1	63301CPS-SZ	16mm ²
8		63302CPS-SZ	25mm ²
9		63303CPS-SZ	35mm ²
10	NKS-15/200-PH2	63311CPS-SZ	16mm ²
11		63312CPS-SZ	25mm ²
12		63313CPS-SZ	35mm ²

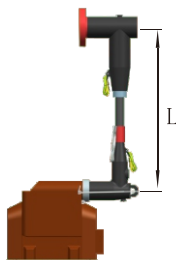
Electrical Performance

Rated voltage	15kV
Rated current	200A
Withstand voltage (AC)	42kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	95kV (±times)
Breaking current	14. 4kV, 200A, 10times
Shield resistance	<5000 Ω
Applicable cable cross section	16-120mm ²

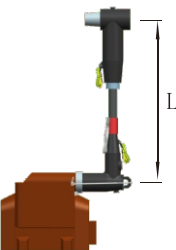
Note: This product meets the requirements of IEC 60502.

Main Accessories

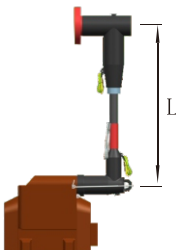
1. PT Cable Bridge
2. Pull hook kit
3. Bolt kit
4. Insulation plug
5. Copper connect rod (rear connector)
6. Rear cover
7. Silicone grease
8. Cleaning paper
- 9.Installation manual
- 10.Certificate of quality



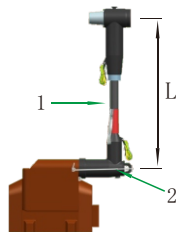
PT cable bridge
NKS-15/200-PQ1-L□



PT cable bridge
NKS-15/200-PH1-L□



PT cable bridge
NKS-15/200-PQ2-L□



PT cable bridge
NKS-15/200-PH2-L□

NKS POWER

400A Front Connector

Overview

400A front connector is used in the main network system of the cable branch box or as the inlet and outlet cable termination of the ring main unit, which can be connected to 400A high-voltage transformers, switchgear, motors, and branch units. The product is equipped with a test head, which is safe and reliable.

Features

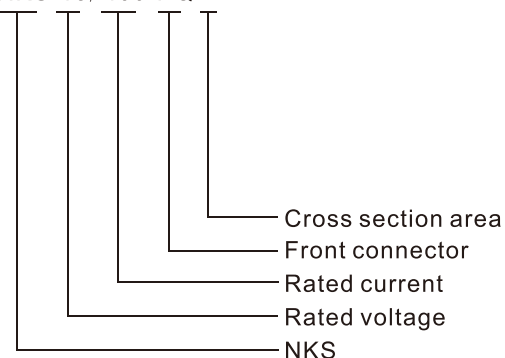
Rated current 400A, applicable cable cross section 35~400mm², suitable for $\phi 46/\phi 56$ -L90 bushing.

The test point can be equipped with a live display or a fault display.

Provides fully insulated, fully sealed and fully shielded connection. Using advanced post-injection insulation layer technology, has higher electrical performance and the use is safer and more reliable.

Model

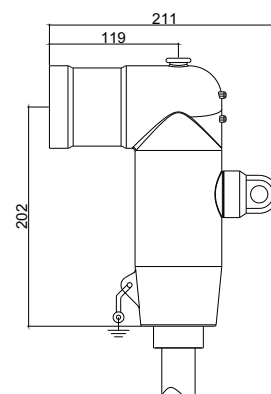
NKS-15/400-PQ-□



NO.	Item Code	Cross section area
1	602501CPS-SZ	35mm ²
2	602502CPS-SZ	50mm ²
3	602503CPS-SZ	70mm ²
4	602504CPS-SZ	95mm ²
5	602505CPS-SZ	120mm ²
6	602506CPS-SZ	150mm ²
7	602507CPS-SZ	185mm ²
8	602508CPS-SZ	240mm ²
9	602509CPS-SZ	300mm ²
10	602510CPS-SZ	400mm ²
11	602511CPS-SZ	500mm ²



15kV 400A front connector
NKS-15/400-PQ

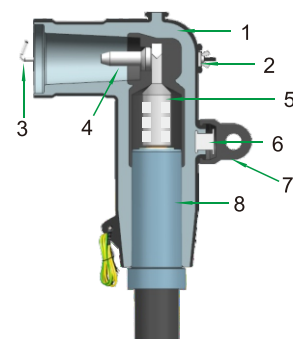


Electrical Performance

Rated voltage	15kV
Rated current	400A
Withstand voltage (AC)	42kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	95kV (±times)
Shield resistance	<5000Ω

Main Accessories

1. Front connector
2. Platen
3. Pull hook kit
4. Conducting rod
5. Crimp terminal
6. Test point
7. Test point cap
8. Stress cone
9. Special wrench
10. Silicone grease
11. Cleaning paper
12. Installation manual
13. Certificate of quality



NKS POWER

600A Front Connector

Overview

600A front connector is used in the main network system of the cable branch box or as the inlet and outlet cable termination of the ring main unit, it can be connected to 600A high-voltage bushings, multi-connected combined sockets. It can also be combined with 600A busbar bushings and elbow connector to form multiple cable branches. The product has an electric test head.

Features

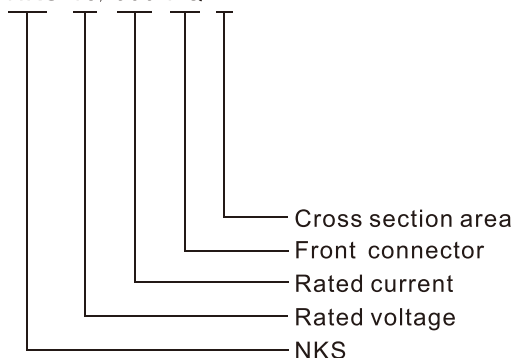
Rated current 600A, applicable cable cross section 35~400mm², suitable for $\phi 40/\phi 52$ -L83.5, 5/8" bushing.

The test point can be equipped with a live display or a fault display.

Provides fully insulated, fully sealed and fully shielded connection. Using advanced post-injection insulation layer technology, has higher electrical performance and the use is safer and more reliable.

Model

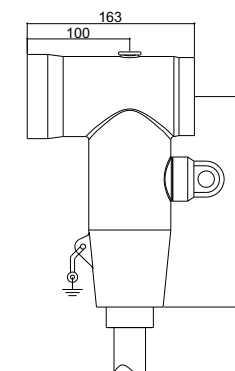
NKS-15/600-PQ-□



NO.	Item Code	Cross section area
1	602601CPS-SZ	35mm ²
2	602602CPS-SZ	50mm ²
3	602603CPS-SZ	70mm ²
4	602604CPS-SZ	95mm ²
5	602605CPS-SZ	120mm ²
6	602606CPS-SZ	150mm ²
7	602607CPS-SZ	185mm ²
8	602608CPS-SZ	240mm ²
9	602609CPS-SZ	300mm ²
10	602610CPS-SZ	400mm ²
11	602611CPS-SZ	500mm ²



15kV 600A front connector
NKS-15/600-PQ



Electrical Performance

Rated voltage	15kV
Rated current	600A
Withstand voltage (AC)	42kV/5min
Partial discharge	15kV<10pc
Lightning impact voltage	95kV (±times)
Shield resistance	<5000Ω

Main Accessories

1. Front connector
2. Insulation plug
3. Bolt kit
4. Rear cover
5. Crimp terminal
6. Test point
7. Test point cap
8. Stress cone
9. Silicone grease
10. Cleaning paper
11. Installation manual
12. Certificate of quality

