

Busbar Connecting System

Busbar Connector

Busbar connector system is manufactured from silicone rubber, mainly applied to the connection for SF6 insulated switchgear with metal housing. To mate with the bushing interfaces conform to type C in EN50180, EN 50181 .

Screened busbar up to 24kV, 1250A

Features:

Variable busbar length from 300-700mm available

Quick and easy assembly

Screening by outer conductive layer

Integrated stress control system

Note: Unscreened products for busbar connector system are available.



End-adaptor
Part No. WEB-15/DJ2
WEB-24/DJ2

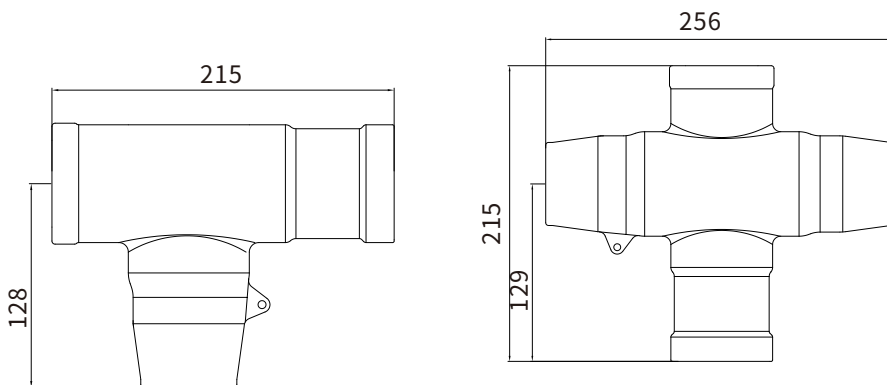


Cross-adaptor
Part No. WEB-15/SJ2
WEB-24/SJ2



Busbar
Part No. WEB-15/M2-*L
WEB-24/M2-*L

*Length according to application



Dimension: mm

Technical Data

Item	Busbar Connector and Kits	
Voltage Class	17.5kV	24kV
Rated Current	630A,1250A	630A,1250A
AC Withstand Voltage	48kV for 1min	65kV for 1min
Partial Discharge	15kV, ≤10pC	20kV, ≤10pC
Impulse Withstand Voltage (10 times for each polarity)	95kV	125kV
Screen Resistance	≤5000Ω	≤5000Ω

Busbar Connector

Busbar connector system is manufactured from silicone rubber, mainly applied to the connection for SF6 insulated switchgear with metal housing. The connecting interface conforms to type C in En50180, EN 50181.

Screened busbar up to 40.5kV, 1250A

Features:

The available busbar lengths are 550 mm, 600 mm, 700 mm and 800mm

Quick and easy assembly

Screening by outer conductive layer

Integrated stress control system

Note: Unscreened products for busbar connector system are available.



End-adapter
Part No. WEB-35C/DJ

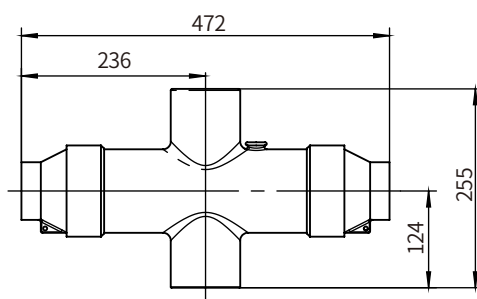
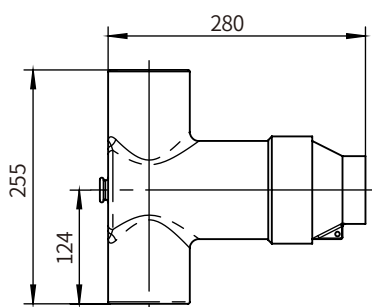


Cross-adapter
Part No. WEB-35C/SJ



Busbar
Part No. WEB-35C/M-*L

*Length according to application



Dimension: mm

Technical Data

Item	Busbar Connector and Kits
Voltage Class	40.5kV
Rated Current	1250A
AC Withstand Voltage	95kV for 1min
Partial Discharge	45kV, $\leq 10\text{pC}$
Impulse Withstand Voltage (10 times for each polarity)	200kV
Screen Resistance	$\leq 5000\Omega$

Inner Cone Busbar Kits

Inner cone busbar kits are suitable for the combined connection of ring main units to supply more branches for extension. Meanwhile, it is a prior option to combined ring main units.



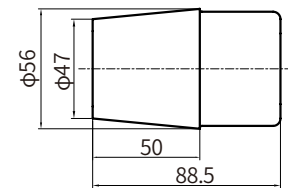
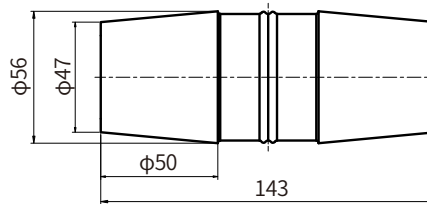
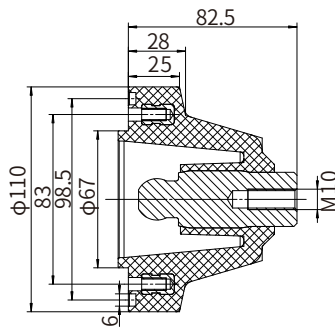
Inner Cone Busbar Insulator
Part No. GBCK-TG



Inner Cone Busbar Connector
Part No. GBCK-L



Inner Cone Busbar Plug
Part No. GBCK-M



Dimension: mm

Technical Data

Item	Inner Cone Busbar Kits
Voltage Class	15kV
Rated Current	630A
AC Withstand Voltage	48kV for 1min
Partial Discharge	15kV, ≤10pC
Impulse Withstand Voltage (15 times for each polarity)	95kV
Screen Resistance	≤5000Ω
Temperature rise	≤65K

Inner Cone Busbar Kits

Inner cone busbar kits are suitable for the combined connection of ring main units to supply more branches for extension. Meanwhile, it is a prior option to combined ring main units.



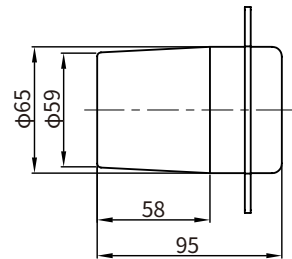
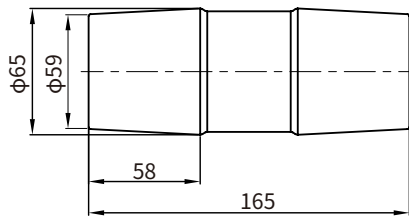
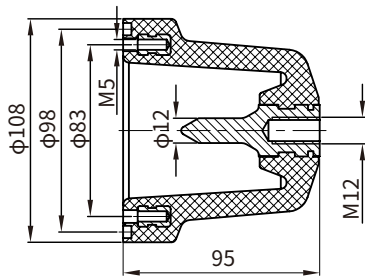
Inner Cone Busbar Insulator 1#
Part No. WNML1-TG



Inner Cone Busbar Connector 1#
Part No. WNML1-15



Inner Cone Busbar Plug 1#
Part No. WNMLD1-15



Dimension: mm

Technical Data

Item	Inner Cone Busbar Kits
Voltage Class	15kV
Rated Current	630A
AC Withstand Voltage	48kV for 1min
Partial Discharge	15kV, ≤10pC
Impulse Withstand Voltage (15 times for each polarity)	95kV
Screen Resistance	≤5000Ω
Temperature rise	≤65K

Inner Cone Busbar Kits

Inner cone busbar kits are suitable for the combined connection of ring main units to supply more branches for extension. Meanwhile, it is a prior option to combined ring main units.



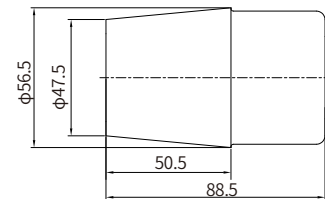
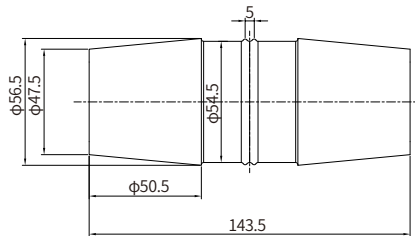
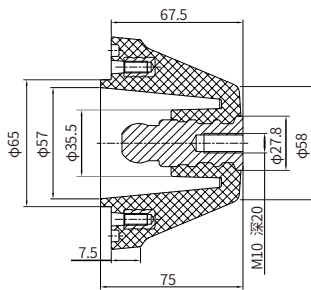
Inner Cone Busbar Insulator
Part No. WNML2-24



Inner Cone Busbar Connector
Part No. WNML2-24



Inner Cone Busbar Plug
Part No. WNMLD2-24



Dimension: mm

Technical Data

Item	Inner Cone Busbar Kits
Voltage Class	24kV
Rated Current	630A
AC Withstand Voltage	80kV for 1min
Partial Discharge	20kV, ≤10pC
Impulse Withstand Voltage (15 times for each polarity)	125kV
Screen Resistance	≤5000Ω
Temperature rise	≤65K