



**SCREENED SEPARABLE CONNECTOR**

# SCREENED SEPARABLE CONNECTOR

## upto 36 kV - 630/ 1250 A

Gala Screened Separable Connectors are designed to connect single and three core polymeric cables to Medium Voltage Switchgear, Transformers, RMU (Ring Main Units) and other equipment using bushings type “C” specified for 630/ 1250 A upto 36kV. Made of a highly modified EPDM rubber and protected by a touch proof outer conductive screen connected to earth.

Supporting a wide application range, the design incorporates one body and stress cone adapters to cover all cross section from 25 to 400 sq. mm. upto 24kV & 95 to 630 sq. mm. for 36kV All kits include high-performance multi range compression lugs matching the design of the connector.

### ❖ Features and Benefits:

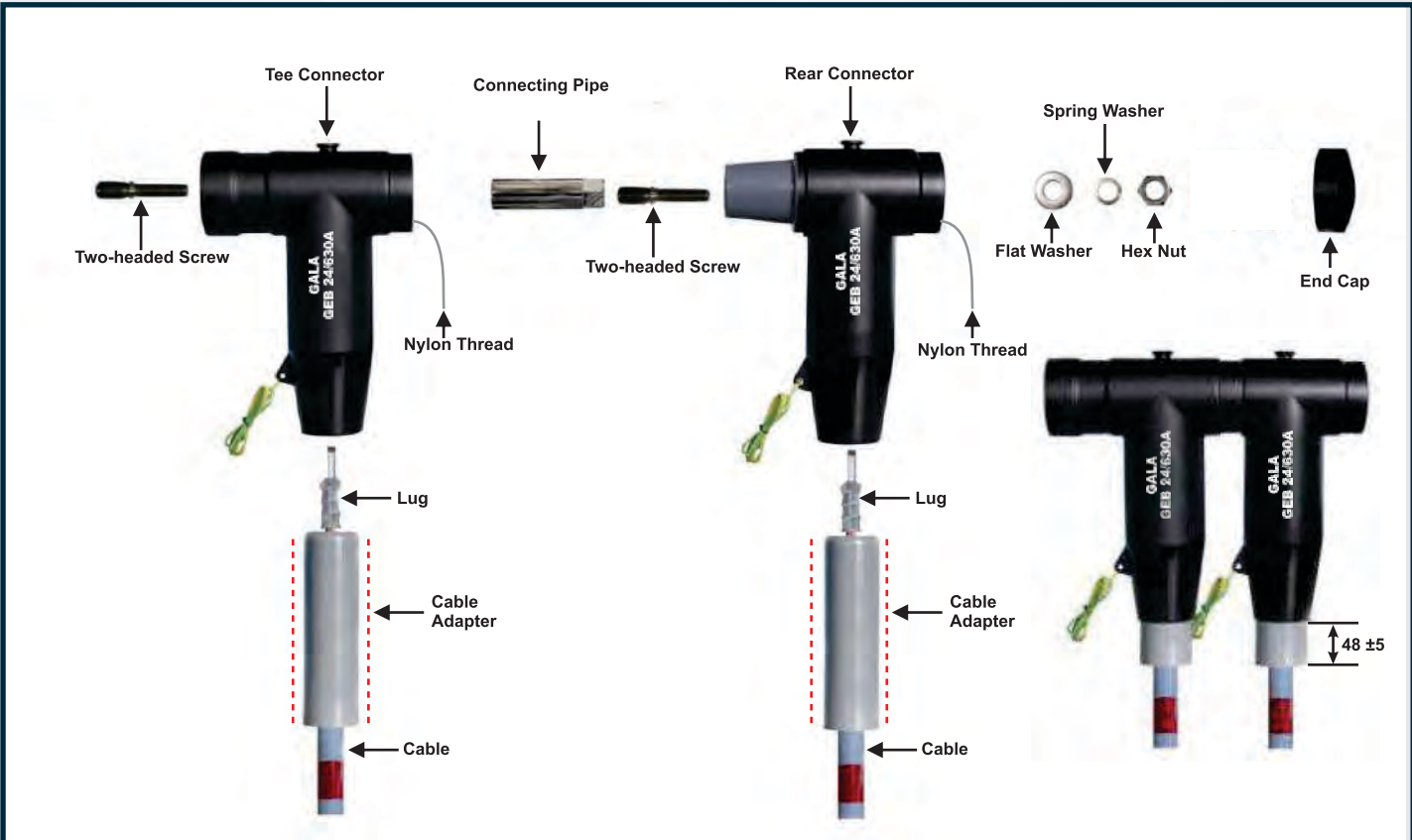
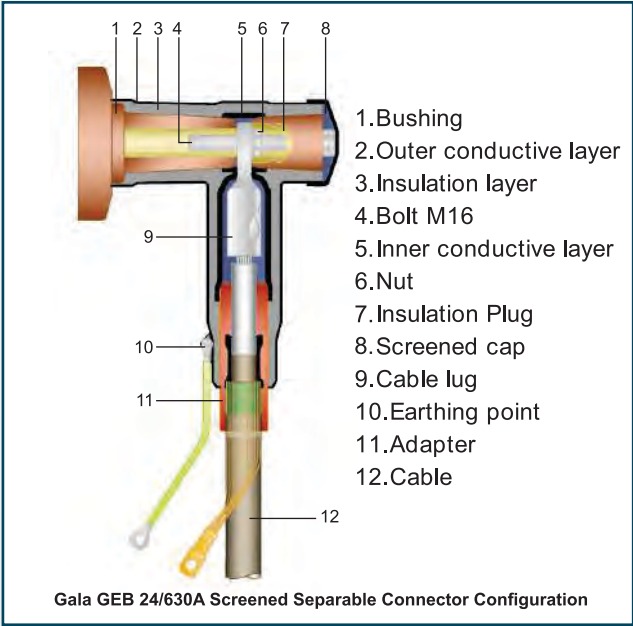
- Provides fully screened and submersible separable connection
- Matching with C - type bushings and plugs complying with EN 50180 & EN 50181
- Compact design
- Each Connector is Factory tested for AC withstand and Partial Discharge (PD)
- Voltage class: 11kV, 15kV, 24kV, 36kV
- Tested in compliance with IEC 60502.4



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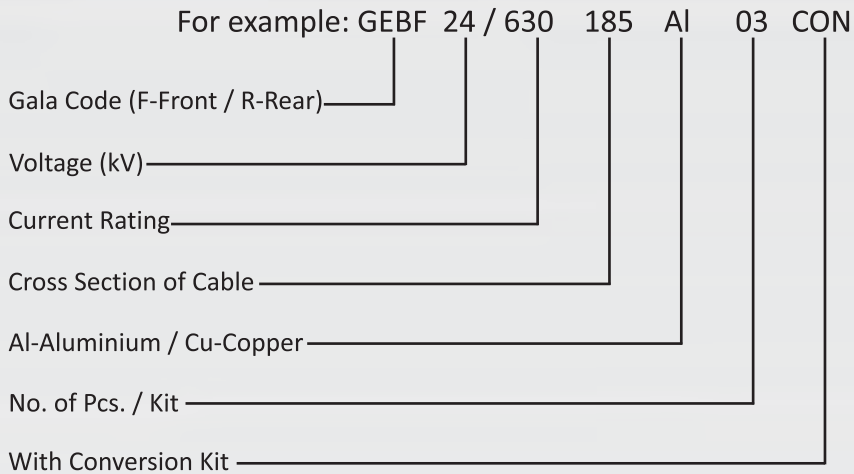
## upto 36 kV - 630/ 1250 A

| Technical Specification                                |                         |                         |                         |
|--|-------------------------|-------------------------|-------------------------|
| Voltage Class  | 11kV                    | 24kV                    | 36kV                    |
| Continuous Current                                     | 630A                    | 630A                    | 630A/ 1250A             |
| Alliance Bushing                                       | EN 50180 & 50181 Type C | EN 50180 & 50181 Type C | EN 50180 & 50181 Type C |
| AC Withstand Voltage                                   | 29kV for 5 min          | 54kV for 5 min          | 85kV for 5 min          |
| Impulse Withstand Voltage (10 times for each Polarity) | 95kV                    | 125kV                   | 175kV                   |
| Partial Discharge at 1.73U0                            | ≤10pC                   | ≤10pC                   | ≤10pC                   |
| Screen Resistance                                      | ≤5000Ω                  | ≤5000Ω                  | ≤5000Ω                  |
| Cable Cross-section                                    | 25-400mm <sup>2</sup>   | 25-400mm <sup>2</sup>   | 95-630mm <sup>2</sup>   |



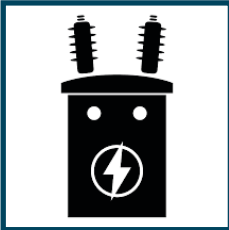


Ordering Informations




❖ GEB connectors can adapt most of cables used in:


Substation




Wind and Solar Energy



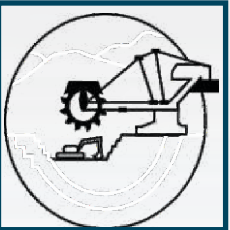
Rail




Oil and Gas



Mining



Marine and Offshore



- Area - 175,000 Sq.Ft.
- Man Power - 550+ People
- Established in more than 100 Countries
- Captive Solar Generation of 780 kW



GALA THERMO SHRINK PVT. LTD.

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