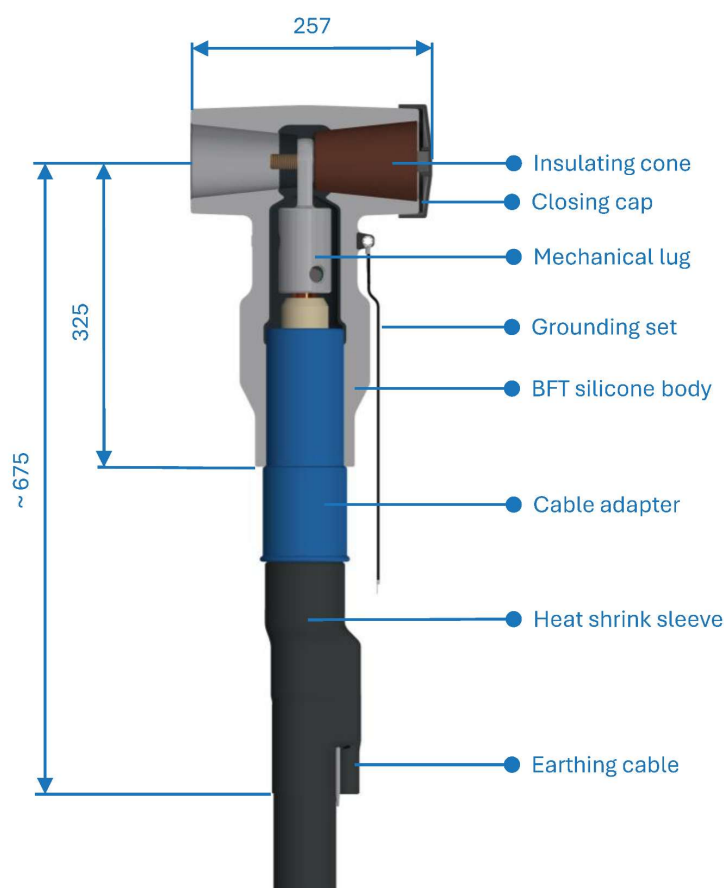
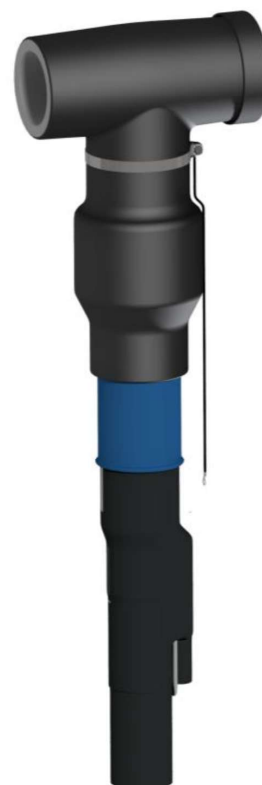


Separable Connectors

Blue Connect® BFT 72.5 kV



Dimension in mm



Highest Voltage (Um)

72.5 kV



Max. Cross Section

1200 mm²



Cable Insulation Ø

39-68 mm



Rated Current

1250 A



Weight

5 kg

Engineered for Reliability

Blue Connect® BFT is a fully screened 72.5 kV separable T-connector, combining type-tested performance, robust LSR insulation and a standardized Type F interface for dependable offshore and onshore operation.



Type F Compatibility

Standardized Type F interface ensures broad compatibility with transformer and GIS bushings according to EN 50673/50180/50181.



Offshore Ready

Durable LSR insulation withstands humidity, salinity and vibration for reliable performance in demanding offshore and onshore environments.



Easy Installation

Plug-in design reduces assembly steps and supports fast, consistent installation on site.

General product data		Field control design	
Manufacturer	Brugg Kabel AG	Field control method	Geometrical
Country	Switzerland	Type	Pre-moulded
Standard	IEC 60840/IEC 63026	Material	Silicone rubber
Rated Voltage (U)	45 - 69 kV	Production method	Injection moulding
Highest Voltage (Um)	72.5 kV	Production environment	Clean room
(U0) for determination of test voltage	36 kV		
Applicaton	Offshore and Onshore	Construction & materials	
Cable compatibility		Designed for outer cone interface acc. to	EN 50673/EN 50180/EN 50181
Type	XLPE/EPR	Interface type	F
Prepared insulation diameter	39-68 mm	Connector	Compression or bolted (max. 1200 mm²)
Max. cable cross section	1200 mm²		
Electrical type test levels		Installation conditions	
Partial discharge test (< 5 pc at 1.73 U0)	62,3 kV	Installation temperature	+5°C / +45°C
Heating cycle voltage test (2 U0)	72 kV	Personnel	Only by Brugg Cables certified installers
Lightning impulse voltage test (BIL)	325 kV	Site conditions	Clean and dry environment
Switching impulse voltage test (SIL)	n/a		
Voltage test	90 kV (2,5 U0 for 30 min)	Packaging information	
Electrical routine test levels		Scope of supply	Material for 3 separable connectors
Voltage test	90 kV (2,5 U0 for 15 min)	Earthing cable	Provided by customer
Partial discharge test (< 5 pc at 1.5 U0)	62,3 kV	Packaging	Export wooden boxes (ISPM15)
Each separable connector routine tested	yes		
Operation conditions data		Storage	
Rated current	1250 A	Storage environment	Clean and dry
Max. short circuit current conductor	Same as cable	Storage conditions	Refer to Q-01089-en
Min./Max. ambient temperature	-30°C / +60°C		

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