

ETC DBC 11/630 Compacted Shielded Fore - Connector

Up to 11kV 630 Amp Class



ETC DBC 11/630
ShieldedFore-Connector

General:

The ETC DBC11/630 Shielded Fore - Connector is a shielded and insulated termination, rated 630amps, upto 11kV, connected with underground cable ranging from 35 to 240mm² (conductor cross section). Meeting requirements of DIN47636 Standard.

The ETC DBC 11/630 Shielded Fore - Connector are molded using high quality peroxide-cured EPDM insulation. It is used to terminate high-voltage underground cable to switchgear, RMU and 630 amps junctions equipped with dead break bushings. Shielded Fore-Connectors are designed for use on solid dielectric cable (XLPE or EPR). For Piggy-Back Connections use DBCS 11/630.

Electrical Characteristics:

Voltage Ratings and Characteristics

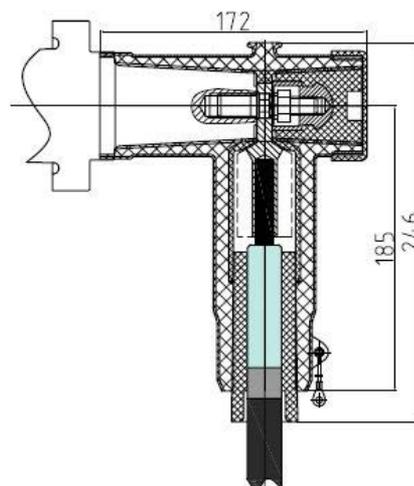
Description	kV
Standard Voltage Class	11
Maximum Rating Phase-to-ground	10
AC50Hz 1 Minute Withstand	39
DC 15 Minute Withstand	48
BIL and Full Wave Crest	95
20kV Partial Discharge	≤10pc

Current Ratings and Characteristics

Description	Amperes
Continuous	630A
24 hour overload	1000
Short Time	50,000 Arms symmetrical for 0.3s 20,000Arms symmetrical for4.0s

Electrical characteristics are in accordance with or exceed DIN47636 and IEC60502.4-1997s standards.

DIMENSION(mm)



Main Packaging List:

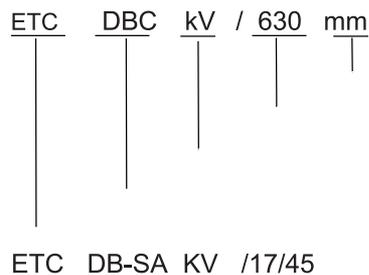
1	ShilededFore-Connector	7	Installation Instruction Sheet
2	Cable Adapter	8	Silicone Lubricant
3	Compression Connector	9	Cleaning Paper
4	Insulating plug	10	Cable Preparation Template
5	Shiled Cap	11	1.5mm ² Copper Grounding Wire
6	Threaded Stud		

Ordering Information:

To order a 630amps, 11kV Shielded Fore-Connector. Please refer to the CODE INFORMATION and select the appropriate Catalogue number below.

Catalogue #	Conductor Cross Section (mm ²)	CurrentRating(Amps)
ETC DBC 11/630-35	35	630
ETC DBC 11/630-50	50	630
ETC DBC 11/630-70	70	630
ETC DBC 11/630-95	95	630
ETC DBC 11/630-120	120	630
ETC DBC 11/630-150	150	630
ETC DBC 11/630-185	185	630
ETC DBC 11/630-240	240	630

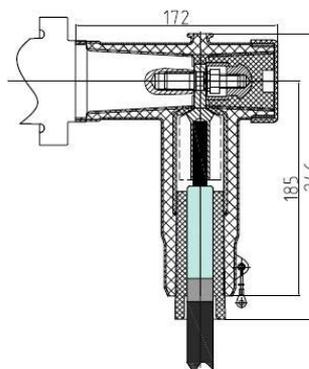
Code Information:



Cable Conductor Section (mm²)
 Current Rating (Amps)
 Voltage Rating (kV)
 Shielded Fore-Connector
 Electrical Terminations & Components

Residual Voltage, 5kA Impulse Current(kV)
 Voltage Rating (kV)
 Shielded Fore-Connector
 M.O.V Surge Arrester
 Electrical Terminations & Components

Typical Arrangement: 630amps + Shielded Fore-Connector + Shielded Cap



More Information for cable accessories, installation instructions, technical questions. Please contact Electrical Terminations & Components representative or visit our website.