

ETC DBCS 11/630 Shielded Sub-Connector

Upto 11kV, 630 Amp Class



DBCS 11/630
Shielded Sub-Connector

General:

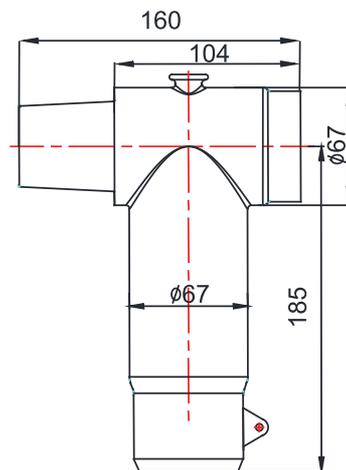
The ETC DBCS 11/630 Compact Shielded Sub-Connector is a shielded and insulated termination, rated 630amps, upto 11kV, connected with underground cable ranging from 35 to 240 mm² (conductor cross section). Meeting the requirements of DIN47636 Standard.

The ETC DBS 11/630 Compact Shielded Sub-Connectors 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 Compact Sub-Connectors are designed for use on solid dielectric cable (XLPE or EPR). In order to provide more cable branch circuits, the Compact Shielded Sub-Connectors can be connected with the ETC DBC 24/630 Compact Shielded Fore-Connector

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
ShortTime	50,000Arms symmetrical for 0.3s 20,000Arms symmetrical for 4.0s
Electrical characteristics are in accordance with or exceed DIN47636 and IEC60502.4-1997s standards.	

DIMENSION(mm)



Main Packaging List:

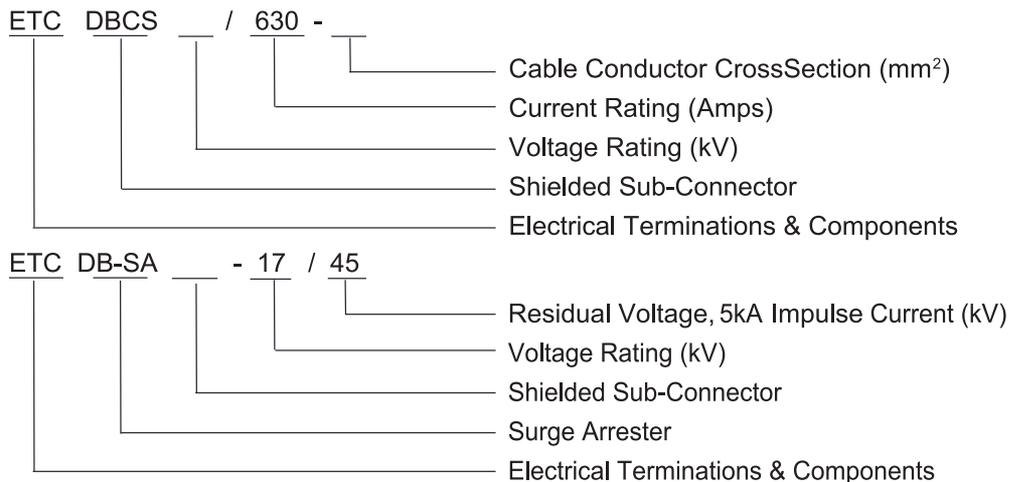
1	Shielded Compact Sub-Connector	7	Installation Instruction Sheet
2	Cable Adapter	8	Silicone Lubricant
3	Compression Connector	9	Cleaning Paper
4	Insulating Plug	10	Cable Preparation Template
5	Threaded Stud	11	1.5mm ² Copper Ground Wire
6	Quality Certificate		

Ordering Information:

To order a 630amps, 11kV Compact Shielded Sub-Connector. Please refer to the CODE INFORMATION and select the proper Catalogue Number below.

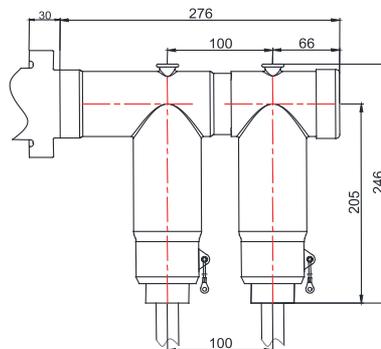
Catalogue Number	Conductor Cross Section (mm ²)*	Current (Amps)
ETC DBCS 11/630-35	35	630
ETC DBCS 11/630-50	50	630
ETC DBCS 11/630-70	70	630
ETC DBCS 11/630-95	95	630
ETC DBCS 11/630-120	120	630
ETC DBCS 11/630-150	150	630
ETC DBCS 11/630-185	185	630
ETC DBCS 11/630-240	240	630

Code Information:



Typical Arrangement:

Compact Shielded Fore-Connector + Compact Shielded Sub-Connector



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