

ETC DB24/630 Shielded Fore-Connector

Upto 24kV, 630 Amp Class



ETC DB 24/630
Shielded Fore-Connector

General:

The ETC DB 24/630 Shielded Fore-Connector is shielded and insulated termination, rated 630amps, upto 24kV, connected with underground cable ranging from 35 to 300mm² (conductor cross section). It meets the requirements of DIN47636 Standard.

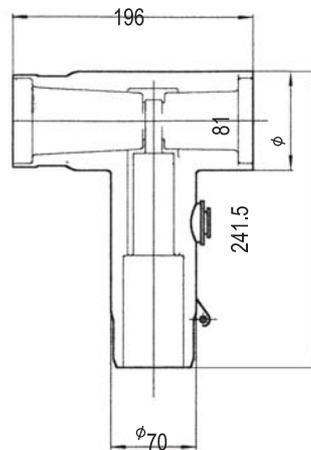
The ETC DB24/630 Shielded Fore-Connectors are molded using high quality peroxide-cured EPDM insulation. It is used to terminate high-voltage underground cable to switchgear, RMU and 630 amp junctions equipped with deadbreak bushings. Shielded Fore-Connectors are designed for use do on solid dielectric cable (XLPE or EPR).

For Piggy-Back Connections use DBS 24/630.

Electrical Characteristics:

Voltage Ratings and Characteristics	
Description	kV
Standard Voltage Class	24
Maximum Rating Phase-to-ground	24
AC50Hz 1 Minute Withstand	54
DC 15 Minute Withstand	48
BIL and FullWave Crest	125
20kV Partial Discharge	≤10pc
Current Ratings and Characteristics	
Description	Amperes
Continuous	630A
24 hour overload	1000
ShortTime	50,000 Arms symmetrical for 0.3s 20,000 Arms symmetrical for 4.0s
Electrical characteristics are in accordance with or exceed DIN47636 and IEC 60502.4-1997s standards.	

DIMENSION(mm)



Main Packaging List:

1	Shielded Fore-Connector	8	Installation Instruction Sheet
2	Cable Adapter	9	Silicone Lubricant
3	Compression Connector	10	Cleaning Paper
4	Insulating Plug	11	Cable Preparation Template
5	Test Point Cap	12	1.5mm ² Copper Grounding Wire
6	Shield Cap	13	Quality Certificate
7	Threaded Stud		

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

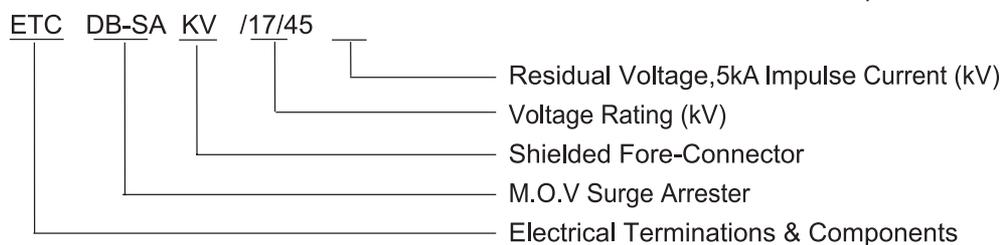
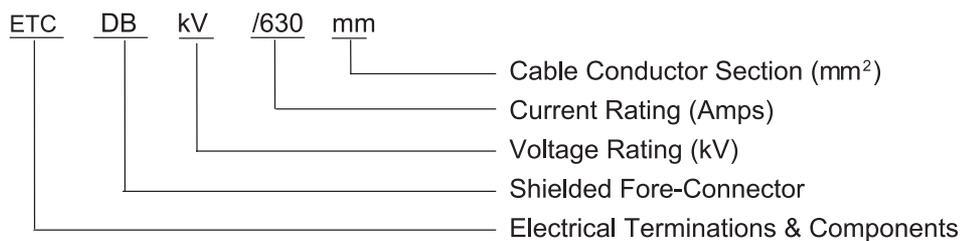
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Ordering Information:

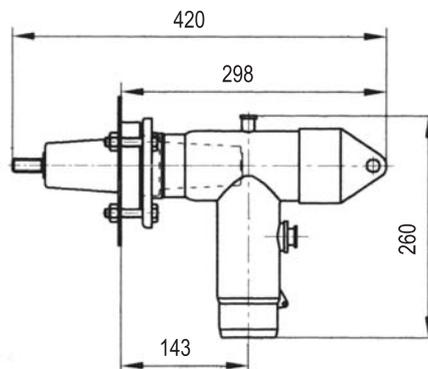
To order a 630amp, 24kVShielded Fore-Connector. Please refer to the CODE INFORMATION and select the appropriate Catalogue number below.

Catalogue #	Conductor Cross Section (mm ²)	Current Rating(Amps)
ETC DB 24/630-35	35	630
ETC DB 24/630-50	50	630
ETC DB 24/630-70	70	630
ETC DB 24/630-95	95	630
ETC DB 24/630-120	120	630
ETC DB 24/630-150	150	630
ETC DB 24/630-185	185	630
ETC DB 24/630-240	240	630
ETC DB 24/630-300	300	630
ETC DB 24/630-400	400	630
ETC DB 24/630-500	500	630

Code Information:



Typical Arrangement: 630amp Integral Bushing+Shielded Fore-Connector+Shielded Cap



Special Operating Tools: ∅ 17mm Allen Key

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