

ETC DB 24/250 Deadbreak Elbow Connector

Upto 24kV,250 Amp Class



ETC DB24/250
Deadbreak Elbow Connector

General:

The ETC DB 24/250 Deadbreak Elbow Connector is a fully shielded and insulated plug-in termination, rated 250amps, up to 24kV, connected with underground cable ranging from 25 to 120mm² (conductor cross section).

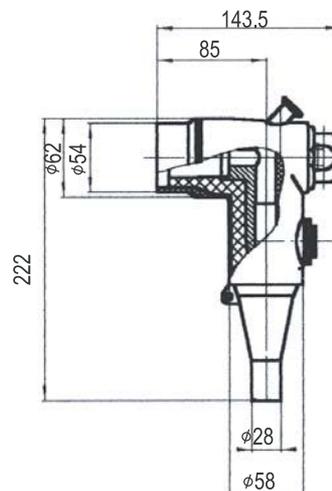
The ETC DB24/250 Deadbreak Elbows are molded using high quality peroxide-cured EPDM insulation. It is used to connect underground cable to transformers, switch gear or Ring-Main-Units(RMU) equipped with mated Deadbreak Bushings. The test point is available for use with hotline voltage indicators.

It is the essential component for high-voltage electrical connection of the pad-mounted transformers and Ring-Main-Units.

Electrical Characteristics:

Voltage Ratings and Characteristics	
Description	kV
Standard Voltage Class	24
Maximum Rating Phase-to-ground	12
AC50Hz 1Minute Withstand	54
DC15 Minute Withstand	48
BIL and Full Wave Crest	125
20kV partial Discharge	≤10pc
Current Ratings and Characteristics	
Description	Amperes
Continuous	250A
ShortTime	10,000 Arms symmetrical for 0.2s3, 500 Arms symmetrical for 3.0s
Electrical characteristics are in accordance with or exceed DIN47636 and IEC60502.4-1997 standards.	

DIMENSIONS(mm)



Standard Packaging List:

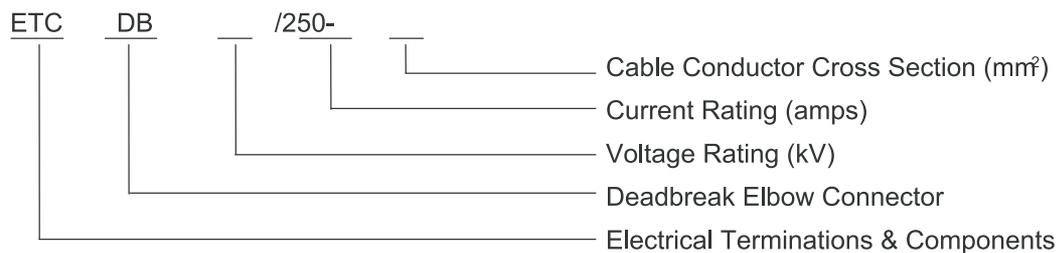
1	Deadbreak Elbow Connector	8	Bail Assembly
2	Deadbreak Probe	9	Test Point Cap
3	Probe Installation Tool	10	Cleaning Paper
4	Compression Connector	11	Silicone Lubrican
5	Clamping Assembly	12	Cable Preparation Template
6	1.5mm ² Copper Grounding Wire	13	Installation Instruction Sheet
7	Quality Certificate		

Ordering Information:

To order a 250amp, 24kV Deadbreak Elbow Connector. Please refer to the chart below and select the appropriate Part No.

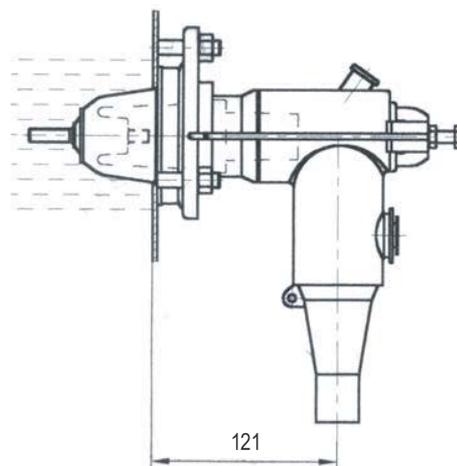
Part No.	Conductor Cross Section(mm ²)	Current Rating(A)
ETC DB 24/250-25	25	250
ETC DB 24/250-35	35	250
ETC DB 24/250-50	50	250
ETC DB 24/250-70	70	250
ETC DB 24/250-95	95	250
ETC DB 24/250-120	120	250

Code Information:



Typical Arrangement:

200amp Bushing Well+250amp Deadbreak Bushing Insert+ Deadbreak Elbow Connector



Installation tool

Probe Installation Tool (Supplied)

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