

ETC SDB 24/250 Deadbreak Straight Connector

Upto 24kV, 250 Amp Class



SDB 24/250
Deadbreak Straight connector

General:

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

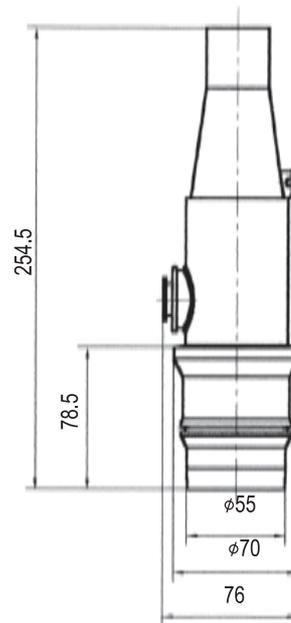
The ETC SDB 24/250 Deadbreak Straight Connectors are molded using high quality peroxide-cured EPDM insulation. It is used to connect underground cable to transformers, switch gear and 250 amp bushings. The test point is available for use with hotline voltage indicators.

It is the essential component for high-voltage electrical connection of the pad mounted transformers, submersible transformer, switchgear and deadbreak bushings. The design of the straight connector allows connection of the cable in a straight line, not bent at an angle of 90°.

Electrical Characteristics:

Voltage Ratings and Characteristics	
Description	kV
Standard Voltage Class	24
Maximum Rating Phase-to-ground	12
AC 50Hz 1 Minute Withstand	54
DC 15 Minute Withstand	48
BIL and Full Wave Crest	125
20kV Partial Discharge	≤10pc
Current Ratings and Characteristics	
Description	Amperes
Continuous	250A
Short Time	10,000 Arms symmetrical for 0.2s, 500 Arms symmetrical for 3.0s
Electrical characteristics are in accordance with or exceed DIN47636 and IEC 60502-4:1997 standards.	

DIMENSIONS(mm)



Standard Packaging List:

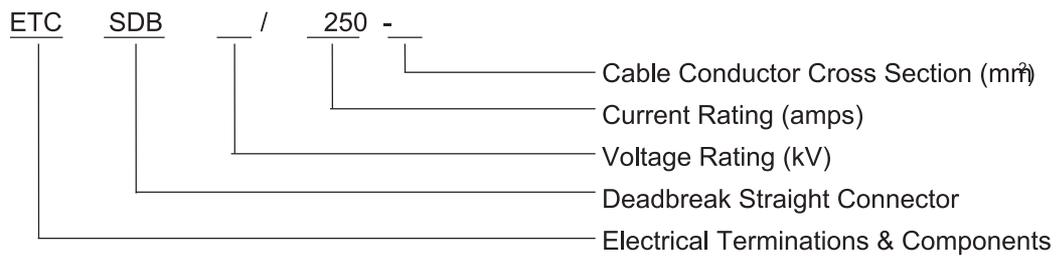
1	250 Amp Deadbreak Straight Connector	6	Installation Instruction Sheet
2	Cable Connector	7	Quality Certificate
3	Test Point Cap	8	Cleaning Paper
4	Clamping Assembly	9	1.5mm ² Copper Grounding Wire
5	Silicone Lubricant	10	Cable Preparation Template

Ordering Information:

To order a 250amp, 24kV Deadbreak Straight Connector, Please refer to the CODEINFORMATION and select the proper Catalogue Number below.

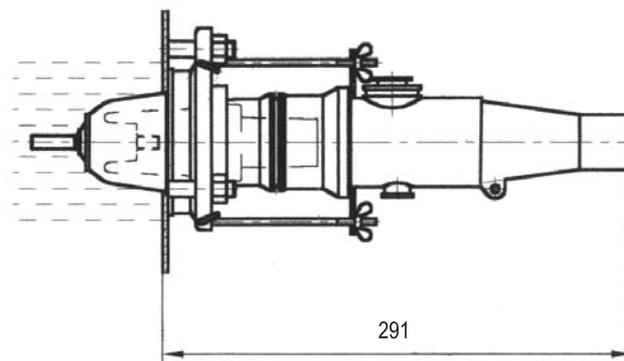
Catalogue Number	Conductor Cross Section (mm ²)*	Current Rating (A)
ETC SDB 24/250-25	25	250
ETC SDB 24/250-35	35	250
ETC SDB 24/250-50	50	250
ETC SDB 24/250-70	70	250
ETC SDB 24/250-95	95	250
ETC SDB 24/250-120	120	250

Code Information:



Typical Arrangement:

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



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