



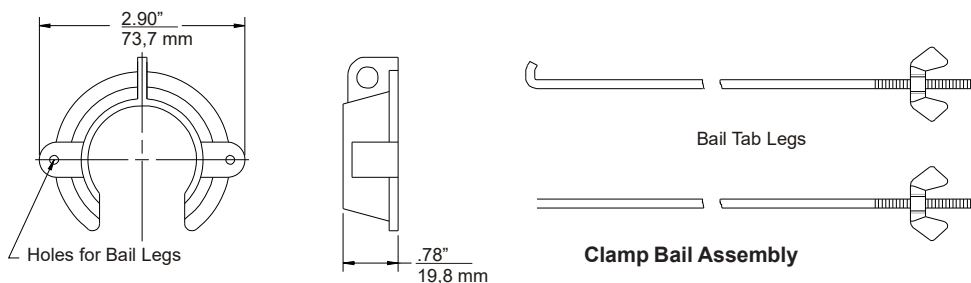
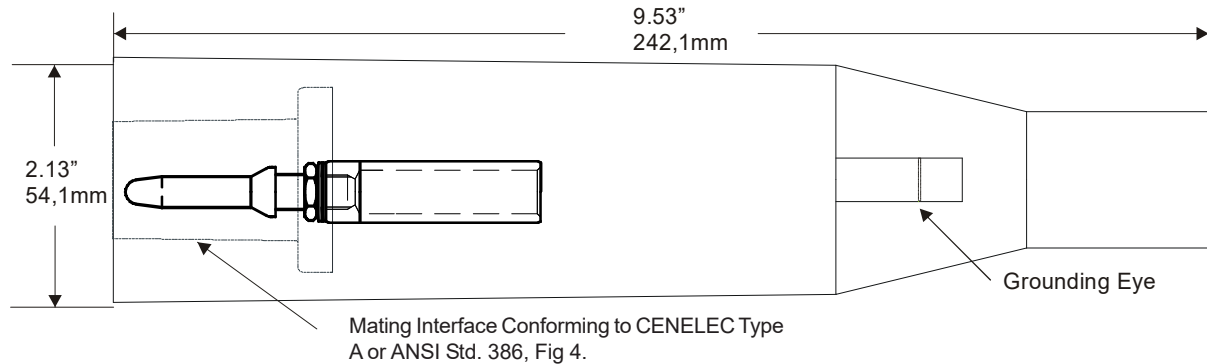
## SPECIFICATION SHEET

Description  
**24kV 250A Deadbreak Straight Receptacle**

Product Series  
**SRA**

**SRA0: without test point**

**SRA1: with test point**



### Application:

The CableMate SRA Deadbreak Straight Receptacle is a fully shielded, insulated, submersible, premolded, separable deadbreak connector designed to connect cable to another cable or to apparatus such as transformers, switchgear and junctions with CENELEC Type A or ANSI 386 Fig. 4 deadbreak bushings. It is designed for use on solid dielectric cable and the wide cable range taking design allows for only 4 different sizes to accommodate cable diameter over insulation from 13.5mm (0.53") up to 26.7mm (1.05") and copper or aluminum conductors from 25 mm<sup>2</sup> (#3 AWG) up to 120 mm<sup>2</sup> (4/0 AWG). The straight design allows for the flexibility to connect horizontally or vertically.

Ratings Meet or Exceed CENELEC 629.1 S2 / ANSI 386	
Description	Rating
Standard Voltage Class	24 kV
BIL and Full Wave Crest (1.2 x 50 μs wave)	125 kV
60Hz AC One Minute Withstand (rms)	55 kV
AC Corona Extinction @ 1p.C.sensitivity	18 kV
Continuous Current (rms)	250 A
Overload Current (8 hrs. per 24 Hrs period)	300 A
Short Time Current Rating at 1 s (RMS Sym)	12.5kA

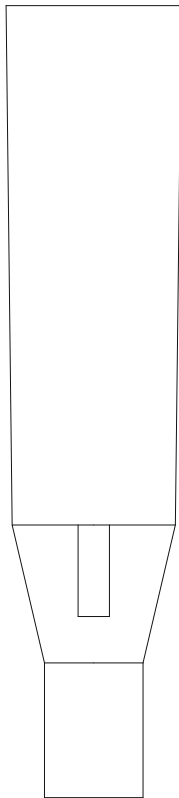
### Features:

- 24kV, 250 A deadbreak connector complete with bail assembly for secure operation.
- Fully shielded, fully submersible molded rubber housing.
- 100% peroxide-cured EPDM rubber insulation and semiconductive shield.
- Non-corrosive, capacitively coupled voltage test point with removable protective cap available.
- Provision for ground wire connection.

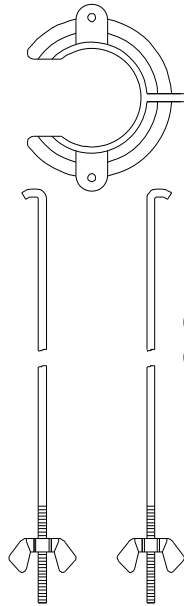


## 24kV 250A Deadbreak Straight Receptacle

Product Series:  
**SRA**



SRA Housing w/o Test Point



Bail Assembly



Crimp Connector

### Ordering instruction:

#### Step 1:

Specify SRA with test point (1) or without (0) test point.

#### Step 2 (From Table H):

Determine the insulation diameter of the cable. Select the Housing Size Code that best fits the insulation diameter from Table H.

#### Step 3: (From Table C):

Using Table C choose the proper crimp connector code according to the conductor size of the cable. The bi-metal crimp connector can be used on either aluminum or copper conductor. Copper crimp connector can only be used on copper conductor.

### Ordering example:

The catalog number for a 24kV, 250A Deadbreak Straight Receptacle without test point for a 95 mm<sup>2</sup> aluminum conductor cable with an insulation diameter of 24.6 mm (0.97") is SRA0H03A09. The catalog number for the same Deadbreak Straight Receptacle with a copper crimp connector (for use on copper conductor only) would be SRA0H03C09.

### The SRA0H03A09 kit contains the following:

- 1 - Straight receptacle housing      SRA0H03
- 1 - Crimp connector                      SRACA09
- 1 - Bail assembly                         SRACL
- 1 - Silicone lubricant packet         SLG
- 1 - Installation instruction
- 1 - Crimp chart

### Ordering instruction:

**SRA**



Table H

Table C

Test Point	
with	1
without	0

SRA Housing Table		
Cable Insulation Dia. Range		Housing Size Code
mm	Inches	
13.5 - 16.5	.530 - .650	H00
16,3 - 20,8	.640 - .820	H01
19,3 - 24,1	.760 - .950	H02
21,6 - 26,7	.850 - 1.050	H03

SRA Crimp Connector Table				
AWG/MCM		IEC	Conn. Code	
STR	COMP	mm <sup>2</sup>	AL	CU
3	2	25	A04	C04
2	1	35	A05	C05
1	1/0	38/50	A06	C06
1/0	2/0	60	A07	C07
2/0	3/0	70	A08	C08
3/0	4/0	95	A09	C09
4/0	250	120	A10	C10