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## 200 A deadbreak separable connectors

### Connectors and accessories

200 A deadbreak connectors and accessories provide a quick-disconnect feature for cable and equipment connections on power distribution systems.

All deadbreak connectors must be de-energized before operating and must be mechanically secured with bails when connected. Components can be isolated with insulated caps, plugs and parking bushings.

All deadbreak elbows are equipped with test points as standard. Optional accessories allow system grounding, bypass and lightning surge protection. Additional connecting points and taps can be provided by use of junctions or feed-thrus.

#### **Ratings overview**

See pages A4–A5 for complete information.

#### **Current ratings**

- 200 A continuous
- 10 kA sym. 10 cycles

#### **Voltage ratings**

##### **15 kV class**

- 8.3 kV phase-to-ground
- 14.4 kV phase-to-phase
- 95 kV BIL
- 34 kV AC withstand
- 53 kV DC withstand
- 11 kV corona extinction

##### **25 kV class**

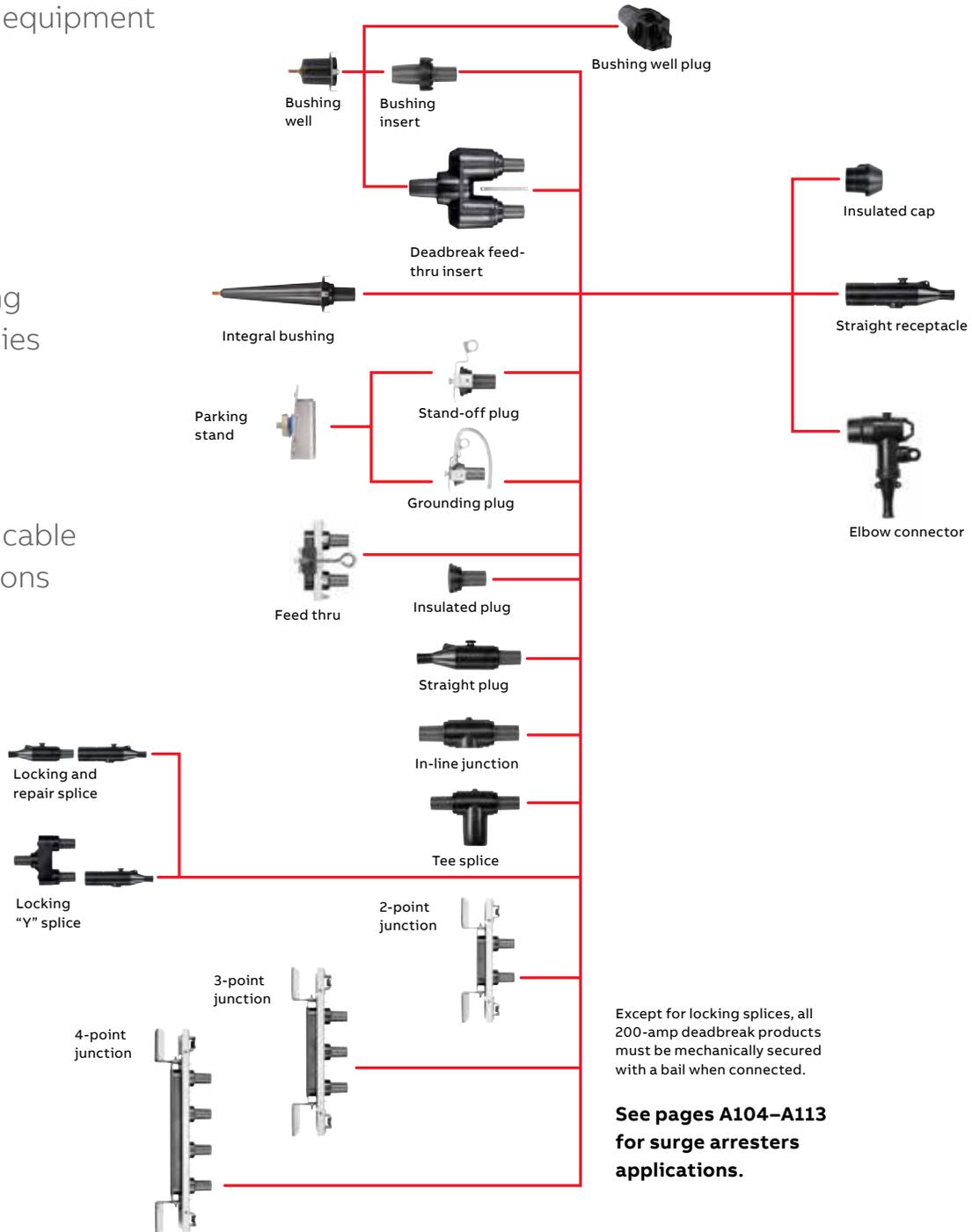
- 15.2 kV phase-to-ground
- 26.3 kV phase-to-phase
- 125 kV BIL
- 40 kV AC withstand
- 78 kV DC withstand
- 19 kV corona extinction

## 200 A deadbreak separable connector components

Cable to equipment

Operating accessories

Cable to cable connections



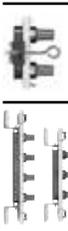
Except for locking splices, all 200-amp deadbreak products must be mechanically secured with a bail when connected.

**See pages A104–A113 for surge arresters applications.**

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Image (not to scale)	Description	Voltage class (kV)	Cat. no.	Notes
	Elbow connector with test point	15/25	252LR-W0X Use tables W16 and X1	N1, 2
	Jacket seal elbow connector with test point	15/25	252LRJS-W5X Use tables W16 and X1	N2, 19
	Bail assembly for 156LR elbow	15/25	150BA	–
	Bushing insert	15/25	K1501A1	N3
	Feed-thru insert	15/25	K1502A1	N3, 4
	Insulated plug	15/25	K150DP	N3
	Insulated cap	15/25	K150DR	N3
	Insulated parking bushing	15/25	K151SOP	N3
	Grounding plug	15/25	151GP	N3
	Feed-thru	15/25	K1501FT	N3, 6
	2-point junction	15/25	K1501J2-U8	N3, 6
	3-point junction	15/25	K1501J3-U8	N3, 6
	4-point junction	15/25	K1501J4-U8	N3, 6
	Elbow probe	15/25	156LRF DP 0438609	–
	Straight receptacle	15/25	K151SR-W0X Use tables W1 and X1	N3, 12, 13, 17, 18
	Straight plug	15/25	K151SP-W0X Use tables W1 and X1	N3, 12, 13, 19

**N1.** Includes bail assembly.

**N2.** W5X indicates that the catalog number includes a 02500X bi-metal compression lug, which is rated for either aluminum or copper conductor, as standard. For an all-copper lug, replace W5X with W2X. Use Table X1 to specify the all-copper 02702X lug.

**N3.** Bails are required but not included. Order separately. Consult factory for bails not listed for a specific application.

**N4.** Fully rotatable for 360° positioning. Includes bail assembly to secure feed-thru insert to bushing well. Elbows bail assemblies are required but not included with the feed-thru insert.

**N6.** Center-to-center spacing equals 4 inches.

**N12.** Also available as housing only. Specify K151BSP-W or K151BSR-W.

**N13.** Also available in EB-FA sizes per Table W6 by using 160CA cable adapter with C size plugs and receptacles.

**N17.** Straight receptacles are also available with test point. Specify K152SR-W0X catalog number.

**N18.** W0X indicates that the catalog number includes a 01500X universal aluminum compression lug, which is rated for either aluminum or copper, as standard. For an all-copper lug, replace W0X with W2X in Table X1 to specify the all-copper 01502X lug.

**N19.** W0X indicates that the catalog number includes a 01600X universal aluminum compression lug, which is rated for either aluminum or copper, as standard. For an all-copper lug, replace W0X with W2X in Table X1 to specify the all-copper 01602X lug.

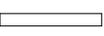
**N22.** Direct test connectors, along with a 200TC-X series meter adapter, a properly rated voltage meter and hot-line stick provides a means for direct conductor voltage testing. See page A12 for meter adapters.

Refer to the W and X tables on pages A54–A55 for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see pages A44–A45.

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Image (not to scale)	Description	Voltage class (kV)	Cat. No.	Notes
	Tee splice	15/25	K150T	N3
	In-line junction	15/25	K150S	N3
	Locking splice/ repair splice	15/25	K151LS-W0X Use tables W1 and X1	N8, 9, 13, 15, 16, 17, 20, 23
	Locking "Y" splice	15/25	K151LY-W0X Use tables W1 and X1	N8, 9, 13, 15, 17, 21
	Bail	15/25	150TB1	N5
	Bail	15/25	150TB2	N5
	Bail	15/25	150TB3	N5
	Bail	15/25	150TB4	N5
	Bail	15/25	150TB5	N5
	Bail	15/25	150TB6	N5
	Contacts: long bi-metal copper	15/25 15/25	02500X 02702X	N7
	Elbow cable entrance insulating plug	15/25	10EP-W Use table W6	N10
	Cable entrance insulating plug	15/25	152EA-W Use table W6	N11
	Cable size adapter	15/25	160CA-W Use table W6 EB-FA only	N14

**N3.** Bails are required but not included. Order separately. Consult factory for bails not listed for a specific application.

**N5.** Refer to factory for application details.

**N7.** Copper lug for copper cable only.

**N8.** To order cable legs for different cable sizes, list each leg size "W" and "X". Example: K151LY-A1240-A1240-B1220. See Tables W1 and X1 for sizes.

**N9.** To order locking contacts for K151LS and K151LY, order 01401X (Al) or 01402X (Cu) for plug contact. Order 01301X (Al) or 01302X (Cu) for receptacle. See Table X1 for sizes.

**N10.** For use with 156LR elbows.

**N11.** For use with K151SR, K151SP, K151LS, K151LY receptacles, plugs and splices.

**N13.** Also available in EB-FA sizes per Table W6 by using 160CA cable adapter with C size plugs and receptacles.

**N14.** 160CA cable adapter can only be used with C size plugs and receptacles.

**N15.** Bails are not required for locking splices.

**N16.** When used as a repair splice, the assembled length allows 4" for cable replacement/repair.

**N17.** Straight receptacles are also available with test point. Specify K152SR-W0X catalog number.

**N20.** W0X indicates that the catalog number includes a 01400X universal aluminum compression lug, which is rated for either aluminum or copper, as standard. For an all-copper lug, replace W0X with W2X in Table X1 to specify the all-copper 01402X lug.

**N21.** W0X indicates that the catalog number includes a 01300X universal aluminum compression lug, which is rated for either aluminum or copper, as standard. For an all-copper lug, replace W0X with W2X in Table X1 to specify the all-copper 01302X lug.

**N23.** Gains approximately 4" of repair length.

Refer to the W and X tables on pages A54–A55 for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see pages A44–A45.