

PRODUCT BROCHURE

Elastimold® IEC 250 amp deadbreak elbow connector

12/20 (24) kV



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Meets the requirements of both the IEC 60502-4 and CEN 629.1 S2 standards.

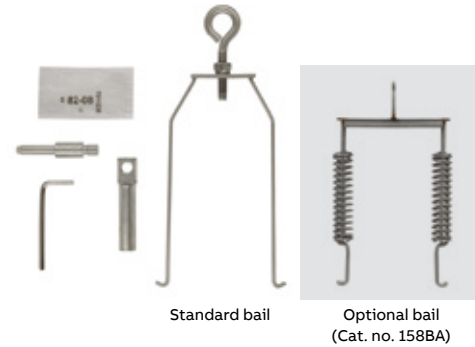
The IEC 250 amp deadbreak elbow connector offers the same safety and quality long associated with the Elastimold brand. It has been tested and certified by KEMA, and it meets the requirements of the IEC 60502-4 and CEN 629.1 S2 standards.

Benefits

- Robust stainless-steel pulling eye
- Dual grounding eye positions
- Wide cable range offerings
- Designed to remain fully operational in harsh conditions

Industry codes and specifications

- IEC 60502-4
- CEN 629.1 S2



IEC 250 amp deadbreak elbow connector accessories



252LR

Ordering information

The following diagram shows how to construct a catalog number for an IEC 250 amp deadbreak elbow connector:

Indicates field that must be filled in to complete the full catalog number.

Indicates optional field

252LR			-	W code		2	X code	Options
Cable adapter sizing			Material code		Conductor size mm²	Connector only		Options
Table W cable insulation dia. range			Copper*			Copper	X Code	
mm			2					
Min.		Max.	Symbol for W		25	02702025	025	Sealing and grounding
14.61	18.80		A		35	02702035	035	Bonding/ grounding wire
16.13	22.90		B		50	02702050	050	
20.45	26.92		C		70	02702070	070	
22.61	30.99		D		95	02702095	095	
27.48	33.27		E		120	02702120	120	

Catalog number selection

Step 1 (W)

- Determine the insulation diameter of the cable.
- Select the insulation letter code that best straddles the insulation diameter from the W table.
- Insert code into the catalog number.

Step 2 (X)

- Choose the proper compression lug code according to the conductor size from the conductor code table.
- Insert the code into the catalog number.

Example:

The ordering number for an elbow connector for a 50 mm² copper lug for cable with a minimum insulation diameter of 23 mm is 252LR-C2050.

Each kit contains the following		
1	Elbow connector housing	252BLR-W
1	Copper lug	02702XXX
1	Probe	252LRF
1	Probe wrench	650-14-3TN
1	Standard bail assembly	150BA
1	Tube, lubricant	82-08
1	Installation instructions	IS-1626/IS-1627
1	Crimp chart	CC-0024
1	V.D. cap-peroxide	156-7

Notes:

*Copper lug suitable for all copper conductors only.
If the insulation OD (outside diameter) is lower than 14.61 mm, use the cable adapter 160CA-W, where "W" is the range of insulation OD. Please refer to the chart to the right for size offerings.

Table W		
cable insulation dia. range		
mm		Symbol for W
Min.	Max.	
12.57	14.86	EB
13.34	16.13	EF
14.61	17.40	FA



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ABB Inc.

Cable Accessories
Memphis, Tennessee
USA

abb.com