



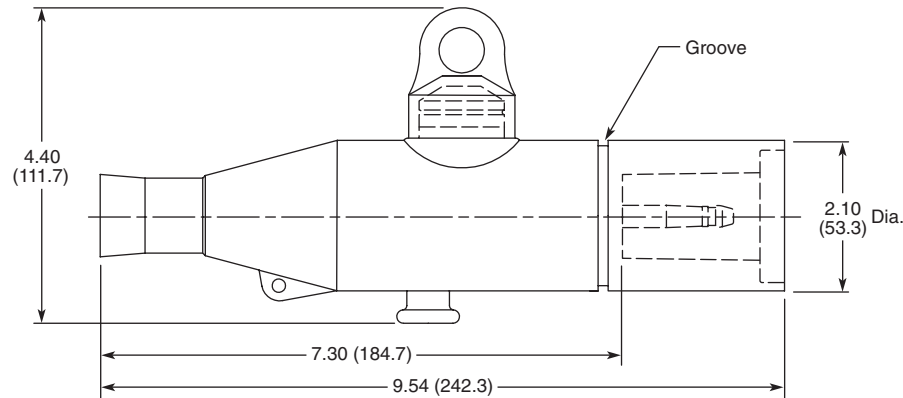
PRODUCT SPECIFICATION SHEET

DESCRIPTION

15/25kV 200 Amp Straight Receptacle W/Test Point

ELASTIMOLD PART NUMBER

K152SR-W0X



All Dimensions Shown in Inches (mm)
Unless Otherwise Specified

SS-K152SR

ELASTIMOLD K152SR Straight Receptacles are fully shielded, fully submersible, separable insulated connectors designed to connect a cable to another cable or to apparatus. They require the use of an appropriate Elastimold mating product installed on the other cable or the apparatus. The disconnectible feature can be used only when the circuit is de-energized. The K152SR is suitable for use on both 15 and 25kV systems.

Features

- Non-corrosive, capacitively coupled voltage test point with removable protective cap.
- Fully shielded, fully submersible molded rubber housing.
- 100% peroxide-cured construction includes insulation and conductive EPDM materials.
- Wide cable range with minimum number of sizes.

Ratings

per ANSI/IEEE Standard 386

25kV Voltage Class

15.2kV Max Phase-to-Ground — Operating Voltage

26.3kV Max Phase-to-Phase

125kV BIL — Impulse Withstand (1.2 x 50 microsecond wave)

40kV AC — One minute Withstand

78kV DC — 15 Minutes Withstand

19kV AC — Corona Extinction @ 3p.C.sensitivity

200 Amp — Continuous current

10kA Sym — 10 Cycles momentary current

Applications

The K152SR is designed to terminate UD cable having concentric neutral and extruded insulation shielding. It can be used to terminate other types of cable when installed with the proper ELASTIMOLD cable shield adapter. The K152SR will accommodate conductor sizes of No. 4 solid through 4/0 stranded and cable insulation diameters from .575" through 1.220".

The K152SR is designed to mate with other ELASTIMOLD products including:

- K150T tee splice
- K151SP straight plug

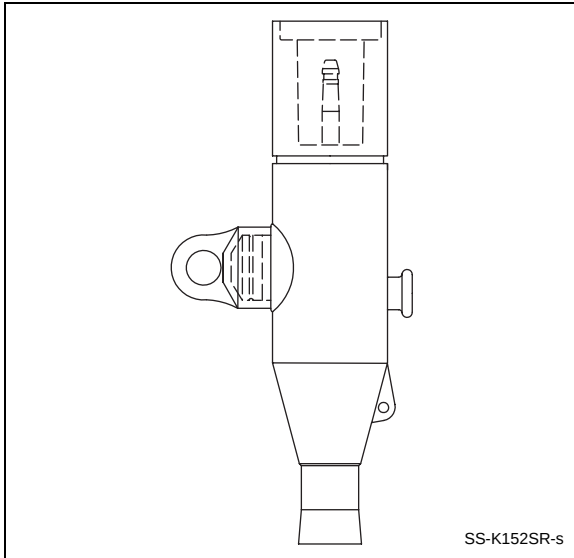


DESCRIPTION

15/25kV 200 Amp Straight Receptacle W/Test Point

ELASTIMOLD PART NUMBER

K152SR-W0X



SS-K152SR-s

The Straight Receptacle Connector kit contains the following:

- 1 – Straight receptacle housing K152BSR-W
- 1 – Receptacle pin connector 01500X
- 1 – Tube, lubricant 82-08
- 1 – Installation instruction
- 1 – Crimp chart

Example:

The ordering number for a Straight Receptacle for a 1/0 stranded AL, 175 mil wall cable with an insulation diameter of .755" (19.2 mm) min. and .815" (20.7 mm) max. is K152SR-B0240.

For same cable but copper conductor where a copper connector is desired, the ordering catalog number is K152SR-B2240.

Ordering Instructions

Step 1 (W)

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

Step 2 (M)

Connector Material: 0 for the standard universal Aluminum connector designed for use with either aluminum or copper conductor or 2 for an optional all copper connector for use with copper conductor.

Step 3 (X)

Choose the proper compression connector code according to the conductor size and type. Insert the code into the catalog number.

K152SR — **Step 1 (W)** **Step 2 (M)** **Step 3 (X)**
K152SR — **0***

* Substitute 2 for copper Only

Cable Insulation, Dia. Range				Symbol for W (Step 1)
Inches		mm		
Min.	Max.	Min.	Max.	
0.495	0.585	12.6	14.9	EB
0.525	0.635	13.3	16.1	EF
0.575	0.740	14.6	18.8	A
0.635	0.905	16.1	23.0	B
0.805	1.060	20.4	26.9	C
0.890	1.220	22.6	31.0	D

Conductor Size AWG or kcmil			Symbol for X (Step 3)
Stranded/Compressed	Solid/Compact	mm ² Compact only	
—	#4	—	190
#4	#3	25	200
#3	#2	—	210
#2	#1	35	220
#1	1/0	50	230
1/0	2/0	—	240
2/0	3/0	70	250
3/0	4/0	95	260
4/0	250	125	270

Cu or AL conductor.

Conductor Size AWG or kcmil			Receptacle Pin Connector only number	
Stranded/Compressed	Solid/Compact	mm ² Compact only	Catalog No. Universal AL (for AL or CU)	Catalog No. Copper (for CU only)
—	#4	—	01500190	01502190
#4	#3	25	01500200	01502200
#3	#2	—	01500210	01502210
#2	#1	35	01500220	01502220
#1	1/0	50	01500230	01502230
1/0	2/0	—	01500240	01502240
2/0	3/0	70	01500250	01502250
3/0	4/0	95	01500260	01502260
4/0	250	125	01500270	01502270

N1. Bails are required but not included. Order separately. Consult factory for bails not listed for a specific application.

N2. Also available as housing only. Specify K152BSR-W.

N3. Sizes EB and EF use a 160CA cable adapter with C size receptacle.