

# SDR Series

## HV Safe Discharge Rod

Rods for the safe damp discharge of cables or equipment under test up to 35kv

The SDR11 and 35 are safe discharge rods, designed to conduct the safe damp discharge of residual charge on a cable or piece of electrical equipment with volages up to 11kV and 35kV respectively by limiting the discharge current.

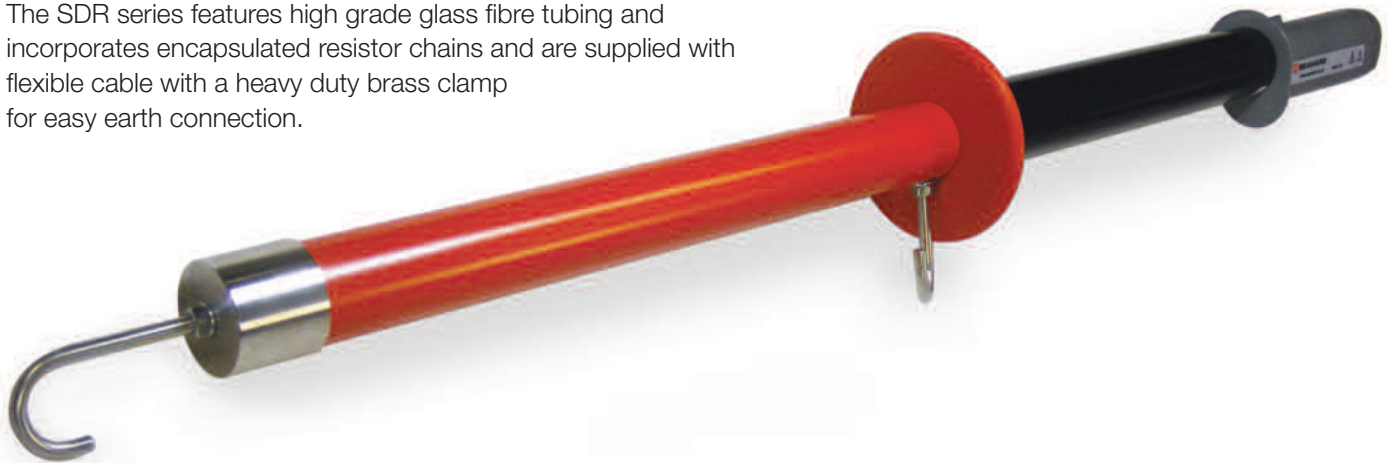
The SDR series features high grade glass fibre tubing and incorporates encapsulated resistor chains and are supplied with flexible cable with a heavy duty brass clamp for easy earth connection.

### Key Features

- Safe HV discharge rod for safe damp discharge of cables and / or equipment under test
- Supplied with flexible cable with heavy duty brass clamp for easy earth connection
- Robust single pole device
- No switches
- Suitable for voltages to 11kV/35kV
- Supplied with cushion soft carrying case

### Standard Accessories (supplied with SDR11 and SDR35)

- Earthing wire 10 sq.mm x 5mtr
- Yellow green wire
- Carry case



### Technical Specification

|                              | SDR11                         | SDR35                         |
|------------------------------|-------------------------------|-------------------------------|
| Discharge Voltage:           | 11kV AC/DC Maximum            | 35kV AC/DC Maximum            |
| Peak Discharge Current:      | 1.1A for 100ms                | 3.5A for 100ms                |
| Bleeder Resistance:          | 10K ohm                       | 10K ohm                       |
| Discharge Capacitance:       | 10 $\mu$ F                    | 6 $\mu$ F                     |
| Leakage Current at 35 KV AC: | <50 $\mu$ A                   | < 50 $\mu$ A                  |
| Discharge Energy:            | 3675J                         | 3675J                         |
| Cooling:                     | Neutral                       | Neutral                       |
| Total Size:                  | 32mm x 750mm                  | 32mm x 950mm                  |
| Weight:                      | 2.2 kg (Net)                  | 2.2 kg (Net)                  |
| Temperature:                 | -5°C to 70°C                  | -5°C to 70°C                  |
| Safety:                      | IEC 61230, EMC Not Applicable | IEC 61230, EMC Not Applicable |

**Part numbers:**  
SDR11: 401A912  
SDR35: 401A910

Rev 1.2