

## Bond-Rite REMOTE

### The self-testing static grounding clamp with wall-mounted monitoring module

The revolutionary design of the **Bond-Rite REMOTE** provides enhanced safety and security by continuously testing the connection of the clamp to the container or other conductive item of plant and back to the earthing point. It provides visual verification of this condition to the operator via the flashing green LED.

The Intrinsically Safe monitoring electronics, flashing green LED and battery power supply are housed inside a tough, corrosion resistant stainless steel enclosure, designed for wall mounting. This gives the added benefit of protecting the LED in applications where there may be paint splashed, etc. A variety of clamps may be used, depending on the specific needs of the application.



BRR05/IPX90 with ATEX/FM approved X90-IP Stainless Steel clamp

ATEX/FM approved X45-IP Stainless Steel Clamp

Each **Bond-Rite REMOTE** is supplied with quick-release flying leads for connection to the point and a quick-release wall mounting bracket, enabling the unit to be easily removed from the hazardous area for battery change.

#### Standard Configurations (Battery Powered Options)

Ordering Code	Product Description
BRR05/IPX90	Bond-Rite REMOTE c/w 5m (16ft) two core blue Hytrel coated spiral cable and ATEX X90-IP approved stainless steel Dual Circuit clamp
BRR05/IPX45	Bond-Rite REMOTE c/w 5m (16ft) two core blue Hytrel coated spiral cable and ATEX/FM approved X45-IP stainless steel clamp
VESC62	Bond-Rite REMOTE c/w 5m (16ft) two core blue Hytrel coated spiral cable and GAT-IP clamp
VESC50	Bond-Rite REMOTE without cable or clamp
Add /SH to part no.	for Unit complete with LED Sunlight Hood
Add /QC to part no.	for quick release male / female connector on enclosure end of spiral cable

Options include:

- Hytrel coated spiral cables available in various lengths
- Intrinsically Safe Battery or Mains Power Supply (see over)

# Bond-Rite REMOTE

## TECHNICAL INFORMATION

**Wall Mounted Enclosure**  
Stainless Steel

**Dimensions**  
170 x 130 x 75mm  
(approx. not including bracket)

**Ingress Protection**  
IP65


**Monitoring Set Point**  
10 Ohms

**Bonding Cable**  
5m two core blue Hytrel coated spiral cable

**Certification**  
 II 1 GD EEx ia IIC T4

## BATTERY VERSION ONLY:

**Battery**  
9v Lithium Manganese ULTRALIFE  
U9VL-J battery included

**Certification as above plus**  
 IS, Class I, II & III,

**Division Groups**  
1A, B, C, D, E, F & G T4

## MAINS VERSION ONLY:

**Power Supply Enclosure**  
Industrial polycarbonate for Safe Area mounting

**Power requirement**  
230/240V ac or 110V ac  
(please specify)

**Power Supply Certification**  
 II (1) GD [EEx ia] IIC  
US certification pending

**Multi-Way Junction Box**  
For I.S. Power Cabling  
GRP with carbon content, IP 65

## The mains externally powered self-testing static grounding clamp

The advent of the **Bond-Rite REMOTE** has allowed the further development of a mains Externally Powered (EP) version. This is ideal for applications where the clamp will be attached to plant / containers for prolonged periods of time, or where a monitoring system without the need for interlocks is required (such as where manual product transfer is involved).

Between 1 and 4 **Bond-Rite REMOTE** (EP) units may be powered by a single Intrinsically Safe power supply unit, mounted in a Safe Area, up to 100m away.



Ideal for Drum Store applications

## Standard Configurations (Mains Powered Options)

Ordering Code	Product Description
VESC90	Bond-Rite REMOTE (EP) Power Supply Unit (Safe Area mounting) 230V
VESC90/110	Bond-Rite REMOTE (EP) Power Supply Unit (Safe Area mounting) 110V
BRR05/IPX90/EP	Bond-Rite (EP) c/w 5m (16ft) two core blue Hytrel coated spiral cable and ATEX approved X90-IP stainless steel dual circuit clamp
BRR05/IPX45/EP	Bond-Rite REMOTE (EP) c/w 5m (16ft) two core blue Hytrel coated spiral cable and ATEX/FM approved X45-IP stainless steel dual circuit clamp
VESC62/EP	Bond-Rite REMOTE (EP) c/w 5m (16ft) two core blue Hytrel coated spiral cable and GAT-IP clamp
VESC60/EP	Bond-Rite REMOTE (EP) without cable or clamp
VESM63	Multi-Way Junction Box (for using 2, 3 or 4 Bond-Rite REMOTE (EP)s with 1 Power Supply Unit)
Add /SH to part no.	for Unit complete with LED Sunlight Hood
Add /QA to part no.	for quick release male / female connector on enclosure end of spiral cable

Bond-Rite® is a registered Trademark of Newson Gale®

The Bond-Rite REMOTE forms part of the Bond-Rite range of Static Grounding and Bonding Equipment available from Newson Gale



Leading the way in hazardous area static control

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