2443 Transmitter Road, Panama City, FL 32404
(850) 872-9890 Fax (850) 872-9557
www.digitrax.com

Complete Train Control

# RD2

## Remote Sensing Diodes for BDL168

Remote sensing of 2 detection sections eliminating the need for long runs of heavy gauge wire to BDL168

No modification to BDL168 is needed

Multiple RD2s may be used to remotely detect additional detection sections

### Instructions (See illustration on back)

Example shown for one RD2 in Zone A, Detection Sections 1 & 2

Additional RD2s may be used for other detection sections if necessary.

1. Mount the RD2 as close to the detection section as possible to keep heavy wire to a minimum.
2. Make sure that both detection sections in the RD2 are connected to the same zone on the BDL168.
3. Light gauge (26 AWG) wire can be used for the 3 output connections running from the RD2 back to the BDL168 as shown.
4. Heavy gauge (18 AWG as shown) wire should be used on the 3 input connections running to the RD2 from the detection section.
5. The heavy gauge zone common can be connected to multiple RD2s.

RD2

6 52667 10006 9

Made In the U.S.A.

CE

## RD2 Typical Installation with a BDL168