



Patent Pending



## 1.0 Features

### 1.1 Quick-disconnect Splitter

Splits the incoming signal from the central computer into two (part# 270DCSD) or three (part# 270DCSD3) directions. See wiring schematics below. By simply flipping a switch, the decoder cables can be disconnected in order to isolate sections of the system while troubleshooting. No need to cut and re-splice wires.

### 1.2 Water Tight

Installed in valve boxes for ease of access. See installation detail below.

### 1.3 O-Ring Seal

Provides a waterproof capsule. Cap is unscrewed to access the switches.

### 1.4 ACME Threads

Minimizes binding of threads due to soil.

### 1.5 36" Leads

Allows the assembly to be brought above grade when accessing the switches for troubleshooting.

### 1.6 Voltage Test Point

Allows the testing of the voltage at strategic points of the 2-wire path

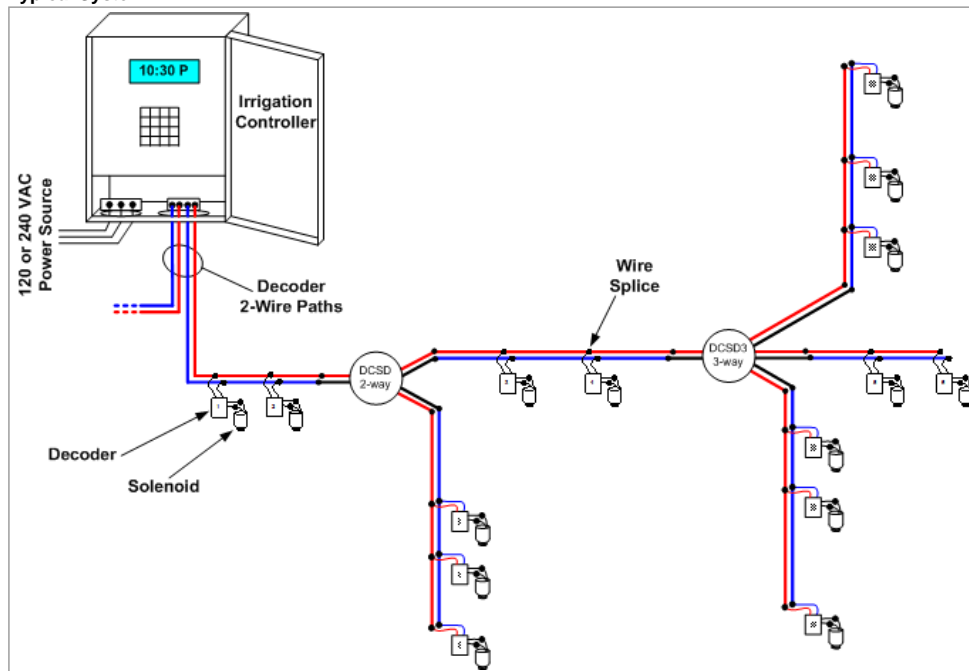
## 2.0 Technical Data

|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| Body Assembly Dimensions | Diameter: 2-3/16", Height: 3-1/16" for 270DCSD<br>Diameter: 2-3/8", Height: 3-1/4" for 270DCSD3 |
| Wire Leads, 36" long     | 3-Pairs for 270DCSD and 4-pairs for 270DCSD3, 18AWG stranded, Stripped and retained             |
| Toggle Switch Rating     | 5 Amps @ 125VAC or 28VDC, Double Pole Single Throw                                              |
| Voltage Test Pigtails    | Connector with 12"-long leads                                                                   |

## 3.0 Typical Specifications

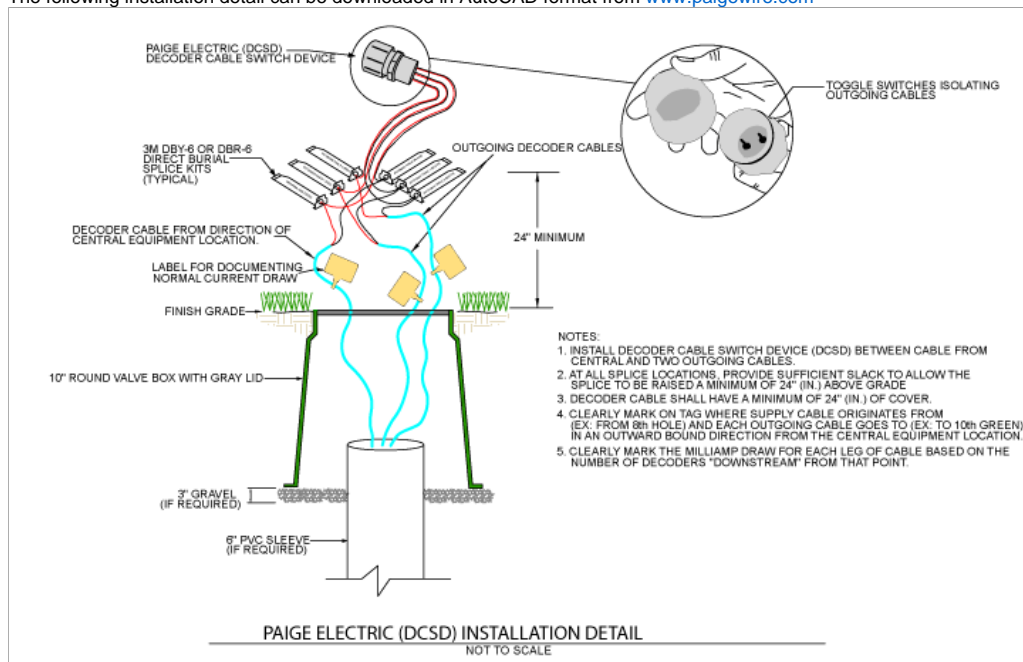
The Paige electric DCSD (Part# 270DCSD for 2-way split and 270DCSD3 for 3-way split) shall be installed at strategic locations of a decoder system such that it can isolate certain sections of cables for purposes of troubleshooting. The DCSD shall be installed inside an irrigation valve box as per installation detail. The splices for all connections shall be made using a 3M model DBY-6 or DBR-6 (Paige Electric Part numbers 270337 and 270338, respectively.)

#### 4.0 Typical System

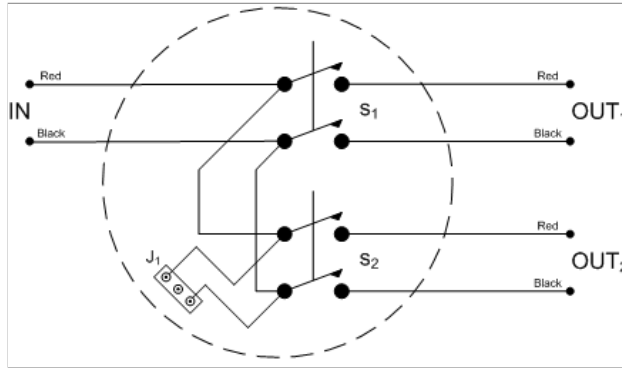


#### 5.0 Installation Detail

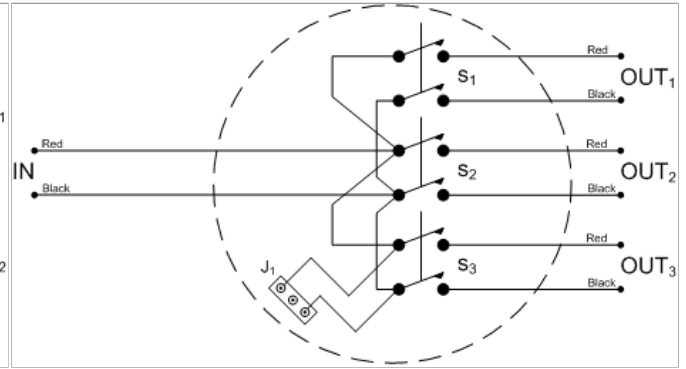
The following installation detail can be downloaded in AutoCAD format from [www.paigewire.com](http://www.paigewire.com)



## 6.0 Wiring Schematics



270DSCD



270DCSD3

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