

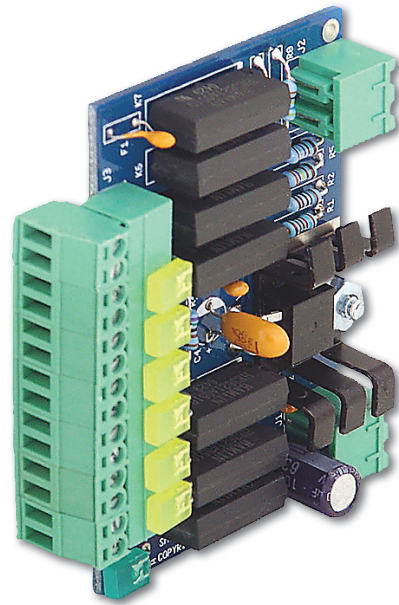


## Overview

The DS6R module monitors six dry switch closure devices and provides one resistive output to the controller.

Each switch closure subtracts a precise resistance from the output so a simple subtraction algorithm at the controller decodes which switches are set. Each switch terminates on an independent plug on the front of the DS6R module and an LED associated with each input indicates switch closure for simple troubleshooting.

The DS6R plugs into the BP2, BP4 or BP8 backplane.



**DS6R - Dry Switch Monitor**

| <u>Part Number</u>       | <u>Description</u>             |
|--------------------------|--------------------------------|
| <b>BA/DS6R</b> .....     | Dry Switch Monitor, 30K Output |
| <b>BA/DS6R-10K</b> ..... | Dry Switch Monitor, 10K Output |

*See end of Section G for list pricing.*

## Associated Products

PS17 or PS17CB  
Power Supply  
(p. G19)

TRK18  
Snaptrack  
(p. G18)

BP8 or BP4  
Interface Backplane  
(p. G16)

## Specifications

DS6R plugging into a BP4 Backplane

3.43in [87.2mm]

3.00in [76.2mm]

64 [16.2mm]

**Power Voltage:** 10 to 42 VDC  
20 to 26 VAC

**Power Current:** 70 mA maximum  
(2.4 VA maximum)

**Switch Voltage:** 7 VDC

**Switch Current:** 10mA

**Output Resistance:**  
DS6R..... 29.505KΩ - All Switches Open  
DS6R-10K .. 9.806KΩ - All Switches Open  
(Full output resistance tables are available in the installation and operation instructions)