



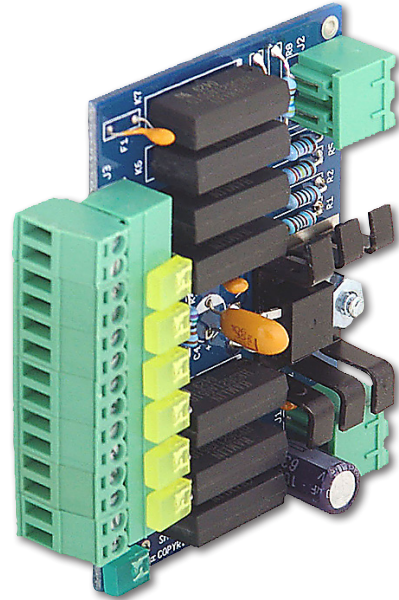
Overview

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, BP4-V or BP8 backplane.



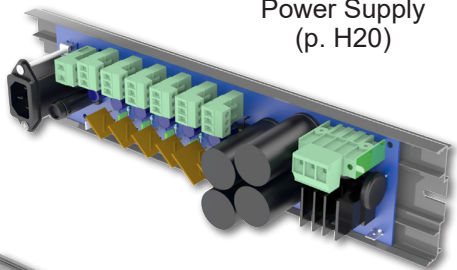
DS6R - Dry Switch Monitor

Part Number Description

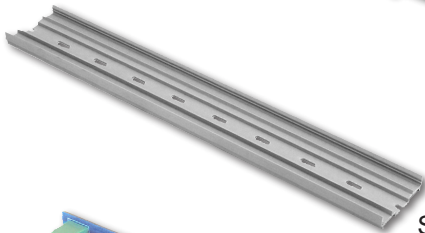
- BA/DS6R..... Dry Switch Monitor, 30K Output
- BA/DS6R-10K.... Dry Switch Monitor, 10K Output

Associated Products

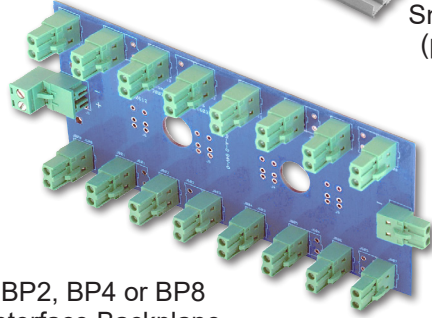
PS17/18/19RF
Power Supply
(p. H20)



TRK18
Snaptrack
(p. H18)

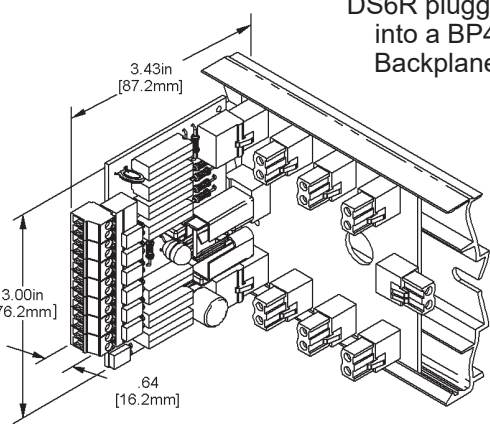


BP2, BP4 or BP8
Interface Backplane
(p. H16)



Specifications

DS6R plugging into a BP4 Backplane



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

