

SS100 Slave Switch



- ❑ Easy to install
- ❑ Low cost
- ❑ Logical component for solving special application problems

The SS100 Slave Switch directly senses the PWM signal driving a proportional hydraulic control valve. When the PWM duty cycle ratio driving the valve coil exceeds 10% the SS100 relay trips ON. The installer can use the relay output contacts to activate an auxiliary circuit.

The SS100 can read the PWM signal for sinking or sourcing type valve drive circuits commonly used on spreader controllers.

One of the more common applications is for a salt spreader cross-conveyor. The SS100 provides a logical function such that each time the drag conveyor goes active the cross conveyor will also go active. For this application the SS100 is wired to read the drag conveyor valve coil and the relay output will supply power the cross conveyor valve.

Specification:

Power: 12 VDC mobile vehicle operation

Input: PWM signal drive signal sink or source type

Output: Isolated relay contacts NO / NC / COM, w/ internal fuse, 5 amp

Internal: PWM duty cycle adjust the trip point, preset to 10%

Enclosure: painted alum box w/ mounting screws from backside

SS100E1A