



Zero Speed Switch Module, ZS10



The ZS10 Zero Speed Switch Module is DIN rail mountable for easy installation.

Description

The Phares Model ZS10 Zero Speed Switch Module is an interface between simple on/off sensors and control circuitry enabling over speed, under speed and zero speed measurement.

It is particularly useful in applications where environmental conditions prohibit the use of certain electronics. In these cases, the sensor is installed in the prohibitive area and wired to the ZS10 Zero Speed Switch Module which is located out of the prohibitive area.

General Specifications

Power Requirements:

Part No. ZS10-A: 100-240 VAC, 116mA, 50/60Hz

Part No. ZS10-D: 9-36 VDC, 116mA, 50/60Hz

Circuit Protection:

Internal ½ amp fuse, non-replaceable

Sensor:

Input Signal:

12 VDC, 2 or 3 wire, sourcing (PNP) or sinking (NPN)

Dimensions (in inches):

3-1/16" Wide x 3-1/4" High* x 2-1/2" Deep

*including DIN Rail Mount and Terminal Block

Relay Output:

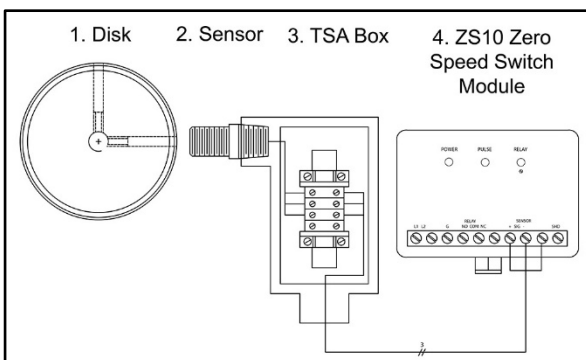
SPDT Form 'C' dry relay contact (N.O./N.C.)

Contact Rating:

5A at 120 VAC; 5A at 30 VDC

Part Number Chart

Part Number	Input Voltage	Contacts (5 Amp)
ZS10-A	100-240 VAC	Quantity 1, N.O./N.C.
ZS10-D	9-36 VDC	Quantity 1, N.O./N.C.



ZS10 System

From left to right:

1. Magnetic Target Disk
2. Hall Effect or Gear Tooth Sensor
3. Terminal Strip Assembly (TSA) Box
4. ZS10 Zero Speed Switch Module