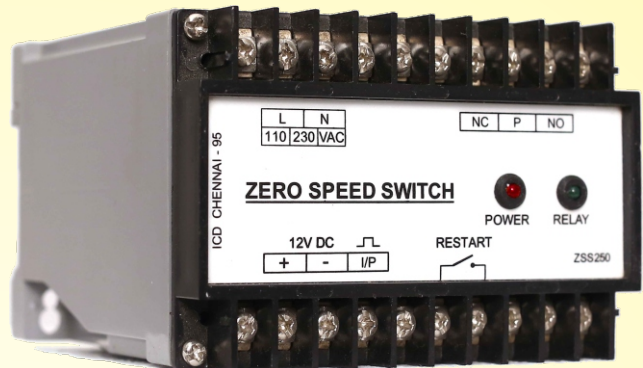


ZERO SPEED SWITCH

Zero Speed Switch is designed to detect the stalling of motors due to over load or chain delinking and conveyor belt stoppage. It is designed for accepting I/P Signal from a non contact proximity pickup, Magnetic Pickup, Potential free or NO Contact or DC/AC signal from Tacho generators. A Sensing Wheel with projection mounted on the shaft of the motor with proximity pickup or Magnetic reed switch es a train of pulses. The signal is given to an electronic circuit which senses the duration between the pulses. If the interval between pulses is more than the set time and if it continues more than the time delay set, a relay de-energises. The circuit consists of signal conditioners, time interval detectors, power supply and Relay Circuit. Total system is housed in a compact dust proof ABS Plastic DIN Rail mounting Case.



giv

Technical Specification

Type	Electronic Speed Switch
Principle of Deduction	Time Interval between pulses
Time Delay in Output	2-75 secs set through Dip switch
Output	1 C/o potential free Contact
Contact Rating	5 Amps at 230v AC
Power ON, Relay ON Indication	Provided
Power Supply	230 V AC \pm 10% 50C/s
Box Dimension	100 x 110 x 70 mm
Mounting	Din Rail

Sensor Details

a) Proximity Pickup

Prob Size	15mm dia x 75mm Length
-----------	------------------------

Sensing Distance	5 mm
Supply Input	15 V DC from Speed switch control unit
Output	Logic Pulses 10 - 30V DC

b)Magnetic Pickup

Dimension	25 mm Dia x 125 mm Length
Output	Logic Pulses
Supply	15 V DC from speed switch control unit

Applications

- Petrochemical
- Fertilizer
- Cement
- Steel Mills
- Mines
- Engineering Industries



INDUSTRIAL CONTROLS & DRIVES (INDIA) PVT. LTD.

#33, Mettukuppam Road, (Via Alapakkam Road)
Maduravoyal, Chennai - 600 095, Tamilnadu, India
Tel : +91 44 4293 4322, 4293 4324, 4293 4335
Email : sales@icdipl.net, Web : www.icdipl.net

