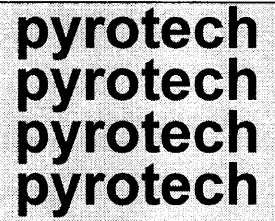


# LOW SPEED SWITCH (8-12000 RPM)



Spec. Sheet # SD-2H-1

## MODEL CODES

Model : DCA-11.  
Type : Non contact type.

## INPUT / OUTPUTS

Input : Proximity switch .  
Input range : 8-12000 Pulses/min. in three steps.  
(1) 8-120 Pulses / min.  
(2) 80-1200 Pulses / min.  
(3) 800-12000 Pulses / min.  
Range selection : by flipping DIP switches .  
No. of set point : One.  
Resolution of set point : Continuous.  
Set point (speed range ) selection : With the help of single coarse and fine pots provided on PCB.  
Trip speed : Approximately 10% below the set point (Factory set ).  
Output : One no. of relay change over contact (two-optional).  
Contact rating : 5A at 230 VAC.

## GENERAL SPECIFICATIONS

Start-up delay : 0-1 min.  
Indication : a) Green LED on PCB for power on.  
b) Red LED on PCB for calibration.  
c) Red LED on cover for normal running.  
d) Yellow LED on cover for input pulses.  
Operation : Fail safe (Relay energised for normal running).  
Burn-out protection : Relay OFF.  
Anti - humidity treatment : Acryfrom conformal coating on PCB.

Housing material : High impact ABS .  
Power fuse : 0.25A.  
Wiring : Screw terminal (PUT-1.5).

## PERFORMANCE

Line voltage variation : Nil (with in  $\pm 10\%$  change) effect  
Insulation Resistance : 200 M ohms at 1000 VDC.  
Insulation strength : Tested at 1.0 KV for all possible combination for 1min. and at 500 VAC between electronics and earth

## INSTALLATION

Power supply : (A) 110 VAC  $\pm 10\%$  , 50Hz or  
(B) 230 VAC  $\pm 10\%$  , 50 Hz.  
Operating ambient  
-Temperature : 0-60° C  
-Humidity : 5-95 % RH.  
Storage temperature : -20°C to +80° C.  
Mounting : Field / back of panel.  
Housing : High impact ABS.  
Protection class : IP 65 equivalent to NEMA4.  
Terminals : PUT-1.5 suitable for conductor upto 1.5 sq.mm.  
size : 171(H)X121(W)X55(D) in mm.  
Weight : Approximately 600 gram.