

# TECHNICAL DATA SHEET

## PUMP PROTECTION RELAY- SPGD2

### (With Dry Run, Overload Protection & Phase Failure)



#### Supply Voltage

**System Supply** : 100-120 / 220-240 / 380-440 V AC  $\pm 20\%$   
**Auxiliary Supply** : 110/240/380/415 V AC 24 V AC/DC  $\pm 20\%$ , 50 / 60 Hz

#### Trip Setting (Volts)

Phase to Phase Unbalance : 50% of motor Current  
 Under Current (Dry Running) : 50% or 75% of set current  
**Overload** : Above 120% of set Current (IDMTL)

#### Trip Time Delay

**On Phase Failure** : 5.5 secs.  $\pm 1.5$  secs.  
**For Over Loading** : As per selectable inverse time Characteristics  
 2 / 5 secs. (10 secs.)

#### Input

Resetting Mode : From S2 CTS1  
**Output Contacts** : 1 CO (2CO)

#### Dimensions (mm)

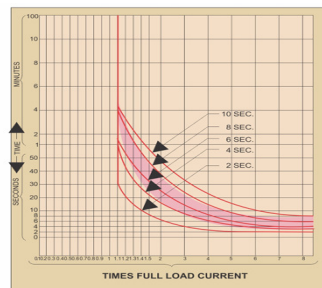
**Over All (LXWXD)** : 76 x 30.5 x 117.5  
**Mounting (L xW)** : 67 x 46 / 35 mm rail Mounting

#### Selection Chart For CTS

Selection Chart for CTS.

HP	KW	Amp	S2 CTS1 Model
<3	<2.25	2 - 5	S2 CTS1/5
<6	<4.5	4 - 10	S2 CTS1/10
<12.5	<9.4	8 - 20	S2 CTS1/20
<30	<22.5	16 - 40	S2 CTS1/40
<60	<45	32 - 80	S2 CTS1/80

#### Times full Load Current



Wherever not specified

Contact Rating: 5A @ 230 V AC (resistive) \* CE marked products available on request.

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