


## OPERATING INSTRUCTIONS : OP\_600SD-CU A5 60GSM PG-2 (OP375-V02)

OP375-V02

**SELEC**

**600SD-2**  
Operating Instructions



17.5mm DIN RAIL

**MECHANICAL SPECIFICATIONS**

Mounting : Din rail mounting  
Dimension : 17.5 x 90 x 60mm  
Protection Level  
IP 20 for Terminal

**WEIGHT**  
73gms

**Please maintain these instructions and review them before using the unit :**

**Warning :**

- The equipment is built-in type with Class II construction and is protected by reinforced insulation.
- The power should be turned off while wiring and maintenance to prevent the risk of electric shock. Do not touch any terminal when the power is ON.
- Wiring shall be done strictly according to the terminal layout with shortest connections.
- Fuse Protection : The equipment does not have Built-in fuse. External fuse of rating 275V DC / 1 A is recommended.

**CAUTION :**

- This unit is not intended for outdoor use.
- The power connection cable must have a cross-section of at least 1sq.mm and insulation capacity of at least 1.5kV. Use lugged terminals to meet M3screws.
- Clean the equipment with a soft cloth. Do not use any organic solvents like Isopropyl alcohol for cleaning.

**SPECIFICATIONS**

**LED Indications**  
2 LEDs,  
one for star and one for delta

**Supply Voltage**  
230V AC / 110V AC, 50 / 60Hz  
(Factory set)(Tolerance : -15% to +10%)

**VA Rating**  
4VA max.

**Time Range**  
**Run up Time** : 3-30s, 6-60s  
**Pause Time** : 50ms or 100ms.  
(Setting through front knob)

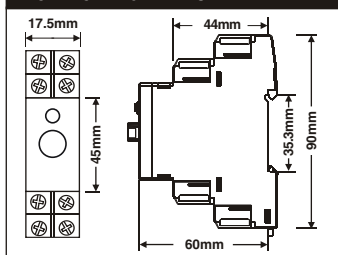
**Reset**  
On interruption of power.  
Reset time less than 100 ms.

**Accuracy**  
Setting : ± 5% of full scale.  
Repeat : ± 0.5%

**OUTPUT SPECIFICATION**  
Output Contact : SPDT (1C/O)  
Contact Rating : NO/5A, NC/3A @ 250V AC

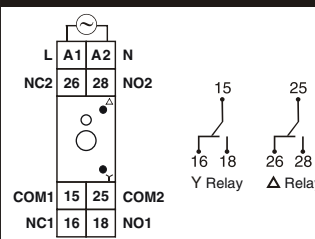
**ENVIRONMENTAL SPECIFICATIONS**  
Temperature: Operating : 0°C to 50°C  
Storage : -20°C to 75°C  
Humidity : 95% RH

**MECHANICAL INSTALLATION**

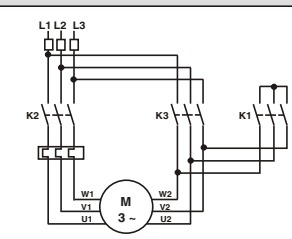


Doc. name : OP INST 600SD-CU OP375-V02(Page 1 of 2) B-B

**TERMINAL CONNECTIONS**



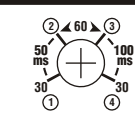
**RANGE SELECTION**



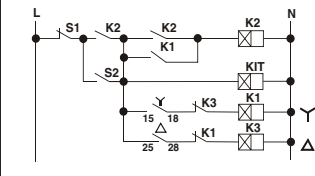
	Run up Time	Pause Time
①	30sec	50ms
②	60sec	50ms
③	60sec	100ms
④	30sec	100ms

**PRINCIPLE OF OPERATION**

**WIRING DIAGRAM**



**SCHEMATIC DIAGRAM**



**MODE OF OPERATION**

Supply voltage

Star relay NO contact

Delta relay NO contact

t1 = Run up time, t2 = Pause time

**ORDER CODE INFORMATION**

Product	Supply	Certification
600SD-2-230	230V AC,	■ —
600SD-CU	50 / 60Hz	■ ■
600SD-2-110	110V AC,	■ —
600SD-110-CU	50 / 60Hz	■ ■

Note : ■ Applicable

(Specifications subject to change as development is a continuous process.)

**Selec Controls Pvt. Ltd., India**  
Factory Address :  
EL-27/1, Electronic Zone, TTC Industrial Area,  
MIDC, Mahape, Navi Mumbai - 400 710, INDIA.  
Tel. No. : +91-22-28476443 / 1882  
Fax No. : +91-22-28471733 | Toll free : 1800 227 353  
Website: www.selec.com | Email: sales@selec.com

Doc. name : OP INST 600SD-CU OP375-V02(Page 2 of 2) B-B

**OPERATING SIZE : A5 ; PAGE : 1 (B-B)**

Prepared By		Checked By		Sales Engg. By		Marking Engg. By		Approval By	
-------------	--	------------	--	----------------	--	------------------	--	-------------	--