



**JSL INDUSTRIES LTD.**

Single Phase Air Break  
Submersible Pump Controller  
Type : C1SS



For Reliable Protection



ISO 9001 : 2015

Now with **SHOCK PROOF  
& RUST PROOF**  
Enclosure

## SINGLE PHASE AIR BREAK SUBMERSIBLE PUMP CONTROLLER

**C1SS : Upto 5 HP**

We are manufacturer of superior quality motor starters for agriculture and Industrial applications in JSL Brand. Now we have introduce single phase submersible controller to start and protect the single phase submersible pumps.

JSL single phase Air break submersible pump controllers type : C1SS are specially designed for starting single phase submersible pumps, upto 5 HP ratings. This controller comprises of an Air break contactor, Thermal over-load relay, heavy-duty start and run capacitors, Ammeter, Voltmeter, Indicating lamp and other electrical components.

### STANDARD FEATURES :

- Maintenance free, rust proof and shock proof enclosure.
- Field proven contactors for reliable operation and long life
- Reliable and efficient protection against over load
- Wide band coil from 160 to 220 V.
- Wide range of relay selection
- Pump ON indication
- Ammeter and Voltmeter to check current and voltage
- Dust proof enclosure
- Easy termination

### OPTIONAL FEATURES :

- Premier version controller available with MCB for S.C. Protection
- Dry run protection
- Water level controller
- High and low voltage cut-off

**Table : 1 : Technical details of Type : C1SS controller**

| HP Rating | Cat. No.        | Relay range, Amp | Start capacitor MFD | Run capacitor MFD | Recommended back-up fuse / MCB (type-C), Amp |
|-----------|-----------------|------------------|---------------------|-------------------|----------------------------------------------|
| 0.5       | C1SS - 0.5 (S)  | 4 - 6.3          | 80 - 100            | 25                | 25                                           |
| 0.5       | C1SS - 0.5 (L)  | 6.3 - 10         | 80 - 100            | 25                | 25                                           |
| 1.0       | C1SS - 1.0 (S)  | 6.3 - 10         | 100 - 120           | 36                | 25                                           |
| 1.0       | C1SS - 1.0 (SS) | 8 - 12.5         | 100 - 120           | 36                | 25                                           |
| 1.0       | C1SS - 1.0 (L)  | 10 - 14.5        | 100 - 120           | 36                | 25                                           |
| 1.5       | C1SS - 1.5 (S)  | 8- 12.5          | 150 - 200           | 36 * 2            | 25                                           |
| 1.5       | C1SS - 1.5 (SS) | 10 - 16          | 150 - 200           | 36 * 2            | 25                                           |
| 1.5       | C1SS - 1.5 (L)  | 12.5 - 20        | 150 - 200           | 36 * 2            | 32                                           |
| 2.0       | C1SS - 2.0 (S)  | 10 - 16          | 200 - 250           | 36 * 2            | 32                                           |
| 2.0       | C1SS - 2.0 (L)  | 12.5 - 20        | 200 - 250           | 36 * 2            | 32                                           |
| 3.0       | C1SS - 3.0 (S)  | 12.5 - 20        | 200 - 250           | 50 * 2            | 32                                           |
| 3.0       | C1SS - 3.0 (L)  | 16 - 25          | 200 - 250           | 50 * 2            | 40                                           |
| 5.0       | C1SS - 5.0 (S)  | 20 - 32          | 200 - 250           | 50 * 3            | 50                                           |
| 5.0       | C1SS - 5.0 (L)  | 25 - 36          | 200 - 250           | 50 * 3            | 50                                           |



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**FOR FURTHER ENQUIRIES  
PLEASE CONTACT**

**JSL INDUSTRIES LIMITED**  
Village Mogar-388 340  
Tal. & Dist. Anand, (Gujarat) (India)  
Phones : 02692 - 280224, 280254  
Fax : 02692 - 280227  
E-Mail : jsl@jslmogar.com  
Website : www.jslmogar.com

### ZONAL & BRANCH OFFICES

● **Bangalore** : 94, 10th Cross, East Park Road, Malleswaram, Bangalore - 560 003. TeleFax : 080-23562248, Mobile : 9886017659, E-mail : bangalore@jslmogar.com ● **Chennai** : VEE DEE YEM Complex, 270, Lloyds Road, Royapettah, Chennai 600014, Fax : 044-28133178, Mobile : 9382156434 E-mail : chennai@jslmogar.com ● **Indore** : Mobile : 9329401225, E-mail : indore@jslmogar.com ● **Jaipur** : C/7, .Annapurna. B/h. Dundlod House, Shiv Marg, Hawa Sarak, Civil Lines, Jaipur-302 019, TeleFax: 0141-2211575, Mobile : 9352763720, E-mail : jaipur@jslmogar.com ● **Kolkata** : 45, Jhowtalla Road, Sayed Amir Ali Avenue, Kolkata-700019, Ph. : 033- 32506949, Fax : 033-22907900, Mobile : 9830018854, E-mail : kolkata@jslmogar.com ● **Lucknow** : Allia Cottage, opp. Leela Hotel 119/76, Kandhari Bazar, Lucknow-226001(UP). TeleFax:0522-2626393, Mobile : 9335411076, E-mail: lucknow@jslmogar.com ● **Mumbai** : 102, Narsinha Sadan, 1st Road, Golibar, Santacruz (E) Mumbai-400 055.Ph. : 022-26134403, 26122848, Fax : 022-26100717, Mobile : 9322894461, E-mail: mumbai@jslmogar.com ● **Delhi** : 7, Jantar Mantar Road, 1st Floor, New Delhi-110 001, Ph. :011-23340205, Fax : 011-23340457, Mobile : 9868554076, E-mail : delhi@jslmogar.com ● **Pune** : E-mail: pune@jslmogar.com ● **Secundrabad** : 5-4-187/7, 1st Floor, Karbala Maidan, M.G.Road, Secunderabad - 500 003. Ph. : 040-27541608, Fax : 040-27543673, E-mail : secundrabad@jslmogar.com

*In Keeping with the technological strides the world is making in the engineering field, we introduce changes in the design of our products. Hence, the products as actually supplied might have features varying herefrom.*