



Dual Pump Control Panel – (1W+1S)

General Specifications:

- **Motor starter** : DOL / Star-Delta
- **Panel Type** : Analog (standard)
- **Overload Protection** : Motor Overload Protection by Bimetal Overload Relay
- **Phase Protection** : Motor Protection from Single Phasing / Reverse Phasing
- **Voltage protection** : Motor Protection from Low Voltages
- **Pump Alteration** : Automatic Cyclic operation of Working & Standby Pumps or Manual Selection of Working & Standby Pumps
- **Individual Isolation** : Optional – Can be provided
- **BMS Connectivity** : Optional – Potential Free Contacts can be provided
- **Operation** : Auto/Manual operation using selector switch
- **Dry Run** : Motor Protection from Dry Running of Pump by Level Sensors
- **Changeover** : Auto changeover to Standby Pump in case of Working Pump Failure
- **Circuit details** : Integrated Electronics / Micro-controller based
- **Automation** : Based on Water Levels in Ground Tank & Overhead Tanks



Panel Specifications:

- **Panel Mounting :** Floor/Wall mounted panel
- **Enclosure :** Enclosed type – CRCA Sheet Steel Fabricated
- **Protection :** IP 42
- **Door Access :** Front Door
- **Paint Shade :** Siemens Gray - RAL 7032
- **Painting Process :** Seven tank process powder coating
- **Cable Entry :** Bottom cable entry
- **Voltage :** 415V \pm 10%
- **Frequency :** 50 Hertz \pm 3%
- **Incomer :** Main common incomer (ON/OFF) - Optional
- **Circuit Type :** Integrated Electronics / Micro-controller based
- **Indicators on panel :**
 - Pump ON Indication - Clustered LED / LCD Screen
 - Phase Presence Indication – Clustered LED*
 - Low Voltage Trip Indication – LED*
 - Dry Run Trip Indication – LED / LCD Screen
 - Overload Trip Indication – Clustered LED / LCD Screen