



GOL PUMPS TECHNOLOGY INC

INTELLIGENT CONTROL PANEL

SINGLE AND THREE PHASES

ONE YEAR WARRANTY



- Motor Protector / Motor Starter
- Universal Pump Control Panel
- Pressure Boosting Pump Control Panel
- Sewage Pump Control Panel
- Smart Programmable Controller



MOTOR STARTER & MOTOR PROTECTOR SP-MP1

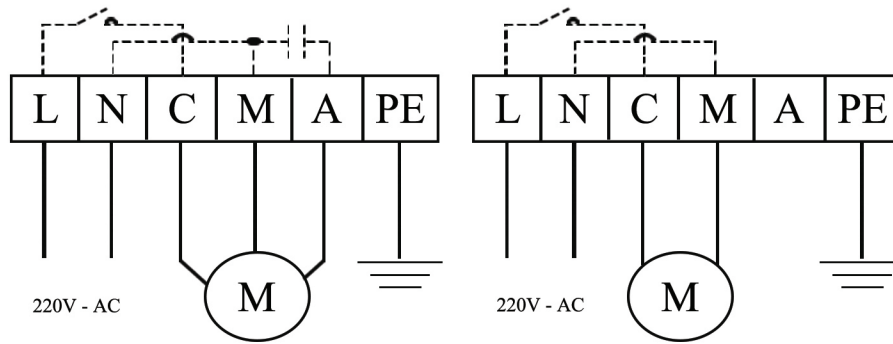


ONE YEAR WARRANTY

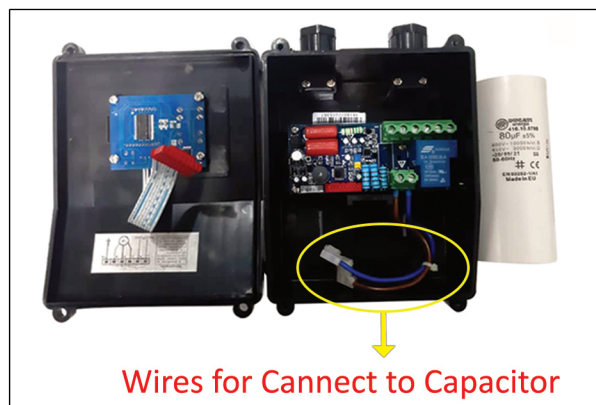


General details

Model	SP - MP1
Application	Start & protect single phase Electro pump and Electro Motor
Main technical data <ul style="list-style-type: none"> Start type Rated input voltage & output power Capacitor 	<p>DOL(Direct on line)</p> <p>AC110V Single phase 50Hz/ 60Hz 0.37kw - 1.1kw (0.5 HP - 1.5 HP)</p> <p>AC208V - 240V Single phase 50Hz/ 60Hz 0.37kw - 2.2kw (0.5 HP - 3 HP)</p> <p>Reserved space for one Run capacitor installing from 08 μf - 80 μf</p>
Product function / features	<p>Over load protection</p> <p>Motor stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p> <p>Memory function when power off & recovery</p> <p>LCD screen displaying motor running status</p> <p>Push button calibration</p>
Main installation data <ul style="list-style-type: none"> Working temperature Working humidity Degree of protection Mounting type Unit dimension (L x W x H) 	<p>-25 °C - +55 °C</p> <p>20% - 90%RH, no drips concentered</p> <p>IP54</p> <p>Wall mounting</p> <p>180 x 150 x 70 mm</p>

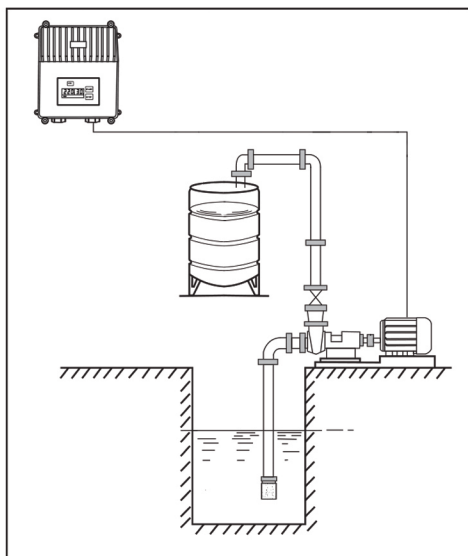


ELECTRIC PUMP ELECTRIC PUMP
NEED RUNNING CAPACITOR NO NEED RUNNING CAPACITOR

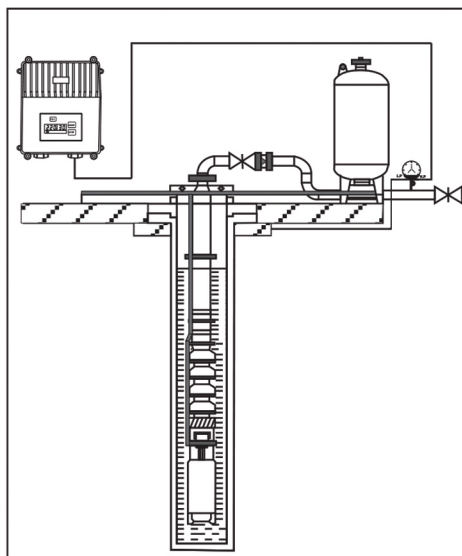


Typical Application Example

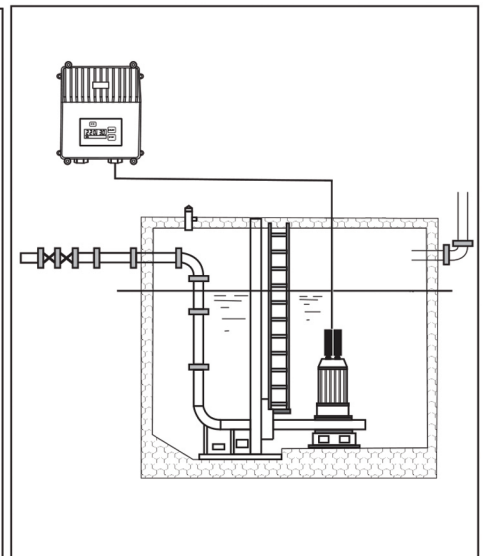
Feed water / Water transfer



Pressure boosting



Drainage / Sewage





SINGLE PHASE PUMP CONTROL AND STARTER - SP-M1

ONE YEAR WARRANTY



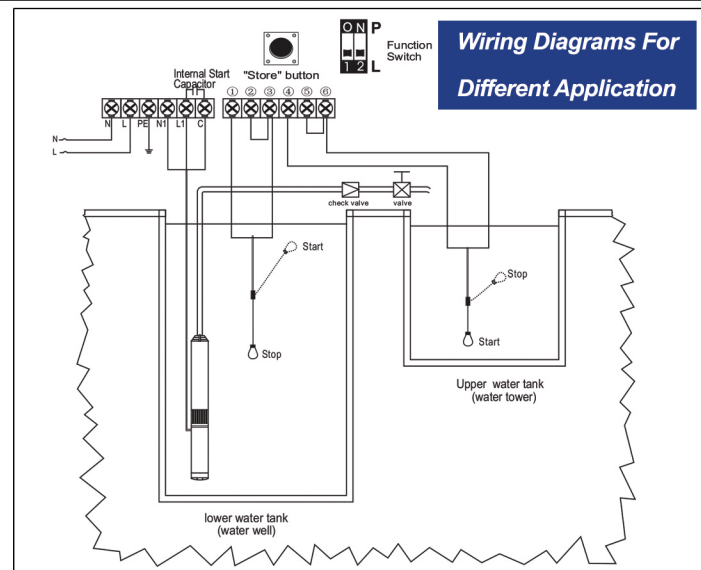
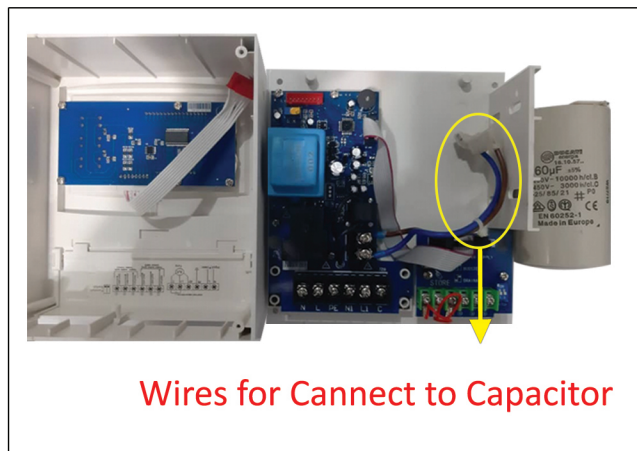
General details

Model	SP-M1
Main technical data	Start & protect single phase Electro pump and Electro Motor
<ul style="list-style-type: none"> • Start type • Rated input voltage & output power • Capacitor 	<p>DOL(Direct on line)</p> <p>AC110V Single phase 50Hz/ 60Hz 0.37kw - 1.1kw (0.5 HP - 1.5 HP)</p> <p>AC208V - 240V Single phase 50Hz/ 60Hz 0.37kw - 2.2kw (0.5 HP - 3 HP)</p> <p>Reserved space for one Run capacitor installing from 08 μf - 80 μf</p>
Product function / features	<p>Over load protection</p> <p>Pump stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p>
Application & Control characteristic	<p>Control and protect universal pump</p> <p>Adopting liquid probe or float switch or pressure switch to control pump start and stop</p> <p>Applied for water supply by liquid level control through float switch or liquid probe</p> <p>Applied for booster by pressure control through pressure switch and pressure tank</p> <p>Applied for drainage by liquid level control through float switch or liquid probe</p>



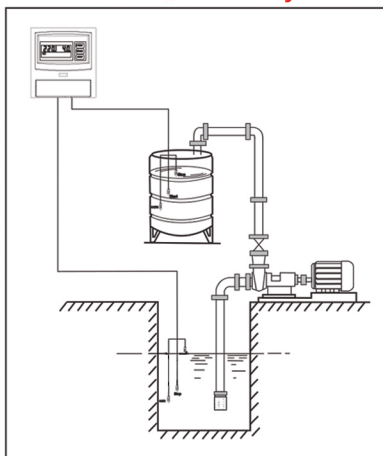
General details

Other features	Push button calibration Memory function when power off & recovery LCD screen displaying pump running status Signal transmission distance up to 200m Pump last five faults record displaying Pump accumulative running time displaying Overflow alarm for drainage application
Main technical data <ul style="list-style-type: none"> Working temperature Working humidity Degree of protection Mounting type Unit dimension (L x W x H) 	-25 °C - +55 °C 20% - 90%RH, no drips concentered IP22 Wall mounting 170 x 160 x 85 mm
Connectable sensors	Liquid probe (standard accessory) / Float switch / Pressure switch

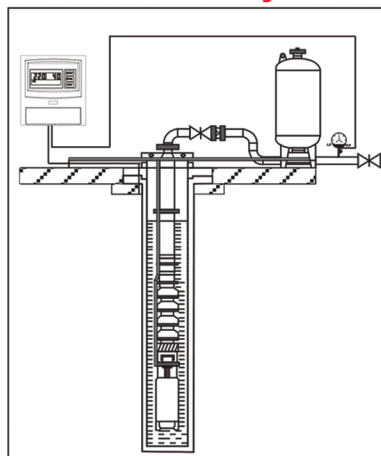


Typical Application Example

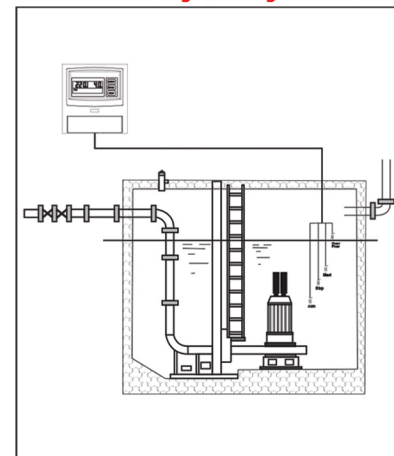
Feed water / Water transfer



Pressure boosting

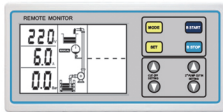


Drainage / Sewage





Intelligent Control Panell SP-L911 /SP- L931



With Remote Controller

SINGLE PUMP CONTROL PANEL

MODEL: L911/L931

Single phase and Three phases

**ONE YEAR
WARRANTY**



General details

Model	SP - L911	SP - L931
Main technical data	DOL(Direct on line) Single Pump	
<ul style="list-style-type: none"> Start type Rated input voltage & output power Capacitor 	<p>DOL(Direct on line)</p> <p>AC110V Single phase 50Hz/ 60Hz Power : 0.75kw - 2.2kw - 1HP - 3 HP Full Load Max (18A) , Starting Current Max (90A)</p> <p>AC208V - 240V Single phase 50Hz/ 60Hz Power : 0.75kw - 5.5 kw - 1HP - 7.5 HP Full Load Max (25A) , Starting Current Max (125A)</p> <p>Reserved space for one Run capacitor installing from 08 μf - 120 μf</p>	<p>DOL(Direct on line) Three phase 50Hz/ 60Hz</p> <p>AC220V Three phase 50Hz/ 60Hz Power : 0.75 kw - 4 kw - 1HP - 5.5 HP Full Load Max (12A) , Starting Current Max (60A)</p> <p>AC460V Three phase 50Hz/ 60Hz Power : 5.5 kw - 11 kw - 7.5 HP - 15 HP Full Load Max (25A) , Starting Current Max (125A) Power : 15 kw - 20 HP Full Load Max (32A) , Starting Current Max (160A)</p>
Product function / features	<p>Pump stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p> <p>Repeat start protection</p> <p>Over temperature protection</p> <p>{ " By Thermal Protector & PTC Sensor " }</p>	<p>Pump stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p> <p>Repeat start protection</p> <p>Phase unbalance protection</p> <p>Phase reversal protection</p> <p>Open Phase protection</p> <p>Over temperature protection</p> <p>{ " By Thermal Protector & PTC Sensor " }</p>

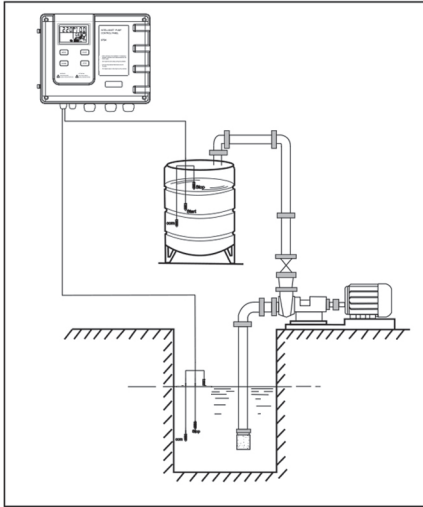


<i>General details</i>	
Application & Control characteristic	Control and protect universal pump Adopting, liquid probe, float switch or pressure switch to control pump start and stop Applied for water supply by liquid level control through float switch or liquid probe Applied for booster by pressure control through pressure switch and pressure tank Applied for drainage by liquid level control through float switch or liquid probe
Other features	Pump last five faults record displaying Pump accumulative running time displaying Pump shaft anti-rust Present one passive dry contact point (BA port) Present RS485 port Remote control panel(Optional) LCD screen displaying pump running status LCD screen locked function under auto state(Settable) LCD screen displaying dynamic real time pump running status and information Pump start and stop value can be easily set on the LCD screen Push button calibration Memory function when power off & recovery Signal transmission distance up to 1000m Pump start time delay(Time settable) Pump stop time delay(Time settable) Overflow alarm for drainage application
Main technical data <ul style="list-style-type: none">• Working temperature• Working humidity• Degree of protection• Mounting type• Unit dimension (L x W x H)	-25 °C - +55 °C 20% - 90%RH, no drips concentered IP54 Wall mounting 300 x 240 x 120 mm
Connectable sensors	Liquid probe (standard accessory) / Float switch / Pressure switch “ 4-20mA transmitter ” (Optional)

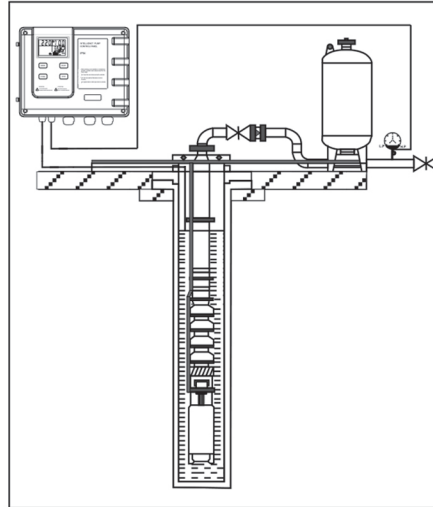


Typical Application Example

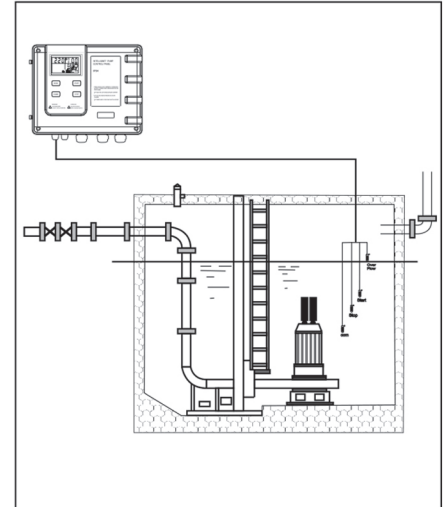
Feed water / Water transfer



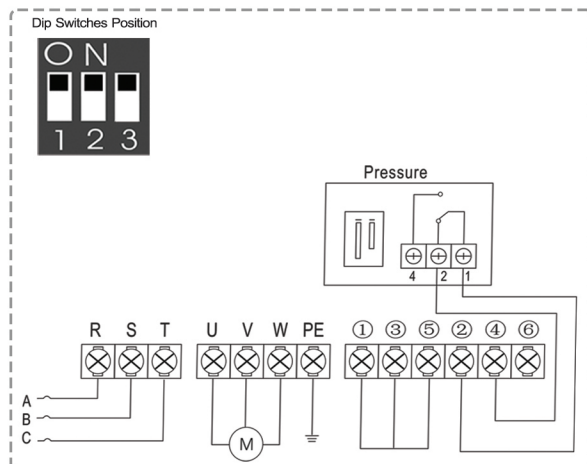
Pressure boosting



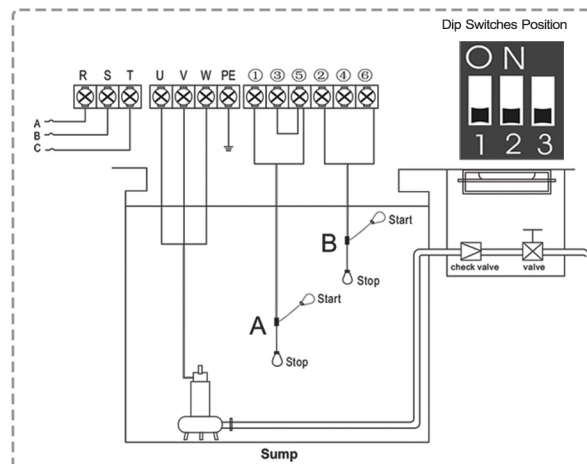
Drainage / Sewage



Wiring Diagrams For Different Application



Wiring diagram for one pumps Booster

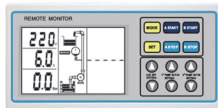


Wiring diagram for one sewage pump





Booster set Intelligent Control Panell SP-L912 /SP-L932



MODEL: L912/ L932
Single and Three phases
Double Pumps

**ONE YEAR
WARRANTY**



General details

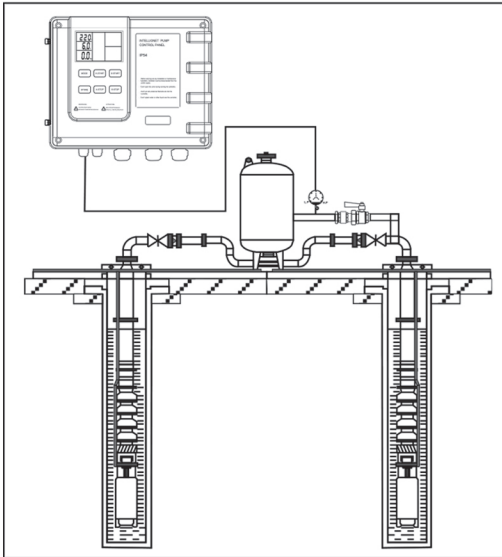
Model	SP - L912 Single phase	SP - L932 Three phases
Main technical data	DOL(Direct on line) Booster Set Control Panel for Double Pumps	
<ul style="list-style-type: none"> Start type Rated input voltage & output power Capacitor 	<p>DOL(Direct on line)</p> <p>AC110V Single phase 50Hz/ 60Hz Power : 0.75kw - 2.2kw 1HP - 3 HP Full Load Max (18A) , Starting Current Max (90A)</p> <p>AC208V - 240V Single phase 50Hz/ 60Hz Power : 0.75kw - 5.5 kw 1HP - 7.5 HP Full Load Max (25A) , Starting Current Max (125A)</p> <p>No reserved space for one Run capacitor installing</p>	<p>DOL(Direct on line) Three phase 50Hz/ 60Hz</p> <p>AC220V Three phase 50Hz/ 60Hz Power : 0.75 kw - 4 kw - 1HP - 5.5 HP Full Load Max (12A) , Starting Current Max (60A)</p> <p>AC460V Three phase 50Hz/ 60Hz Power : 5.5 kw - 11 kw - 7.5 HP - 15 HP Full Load Max (25A) , Starting Current Max (125A) Power : 15 kw - 20 HP Full Load Max (32A) , Starting Current Max (160A)</p>
Product function features	<p>Pump stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p> <p>Repeat start protection</p> <p>Over temperature protection {" By Thermal Protector & PTC Sensor "}</p>	<p>Pump stalled protection</p> <p>Dry run protection with sensor free</p> <p>Under voltage protection</p> <p>Over voltage protection</p> <p>Repeat start protection</p> <p>Phase unbalance protection</p> <p>Phase reversal protection</p> <p>Open Phase protection</p> <p>Over temperature protection {" By Thermal Protector & PTC Sensor "}</p>



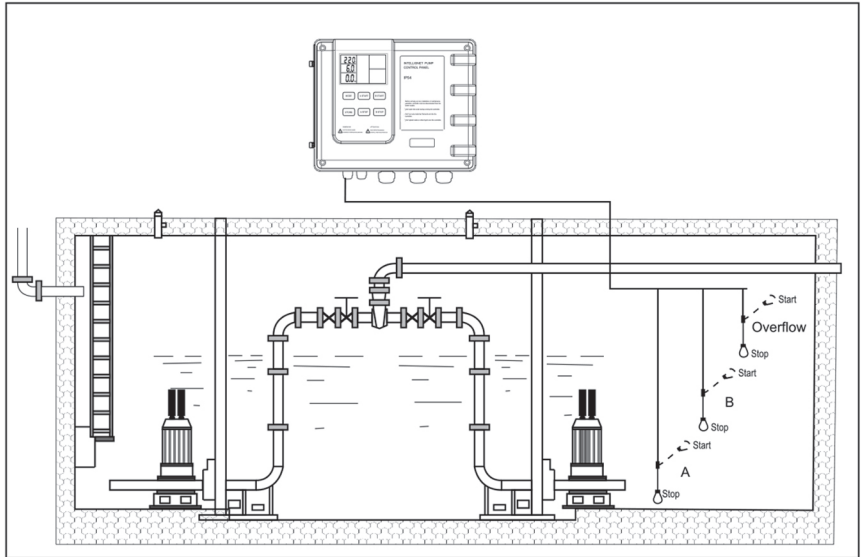
<i>General details</i>	
<i>Application</i>	Control and protect universal pump Adopting ,liquid probe, float switch or pressure switch to control pump start and stop Applied for water supply by liquid level control through float switch or liquid probe Applied for booster by pressure control through pressure switch and pressure tank Applied for drainage by liquid level control through float switch or liquid probe
<i>Control characteristic</i>	Duplex pump control <ul style="list-style-type: none">• Main pump / standby pump automatically alternate• Main pump / standby pump automatically switch against malfunction• Standby pump participates running if required
<i>Other features</i>	Pump last five faults record displaying Pump accumulative running time displaying Pump shaft anti-rust Present RS485 port Remote control panel(Optional) Present one passive dry contact point (BA port) A/B Pump operation enable or disable function LCD screen locked function under auto state(Settable) Pump start and stop value can be easily set on the LCD screen LCD screen displaying pump running status Memory function when power off & recovery Signal transmission distance up to 1000m Pump start time delay(Time settable) Pump stop time delay(Time settable) Overflow alarm for drainage application Push button calibration
<i>Main technical data</i> <ul style="list-style-type: none">• Working temperature• Working humidity• Degree of protection• Mounting type• Unit dimension (L x W x H)	-25 ·C - +55 ·C 20% - 90%RH, no drips concreted IP54 Wall mounting 300 x 240 x 120 mm
<i>Connectable sensors</i>	Liquid probe (standard accessory) / Float switch / Pressure switch “ 4-20mA transmitter ” (Optional)



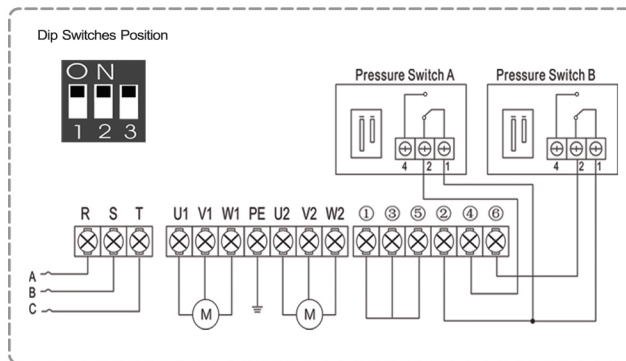
Pressure boosting



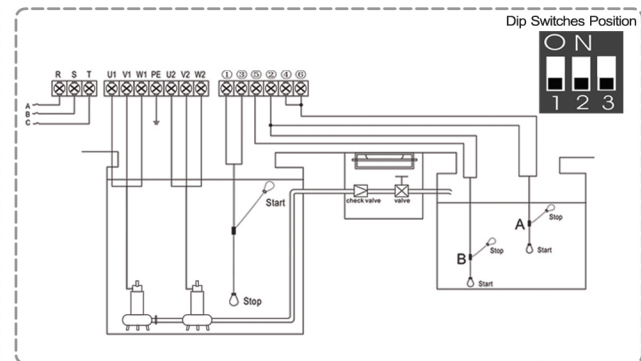
Drainage / Sewage



Wiring Diagrams For Different Application



Wiring diagram for 2 Three phases centrifugal pumps



Wiring diagram for 2 Three phases sewage pump





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