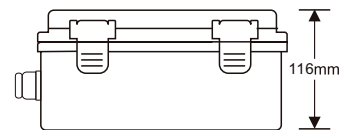
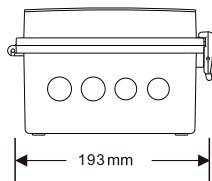
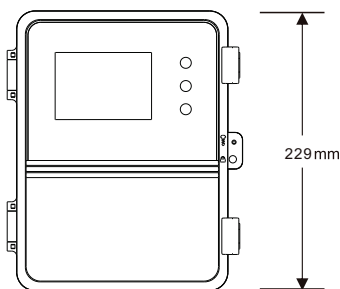




SINGLE PUMP CONTROL PANEL
MODEL: PCS31

General details																																													
Model	PCS31																																												
Main introduction	PCS31 is an easy to use, simple and reliable smart three phase pump control and protection device, which can be widely used to control and protect deep well pump, sewage pump, self-priming pump, centrifugal pump, pipeline pump, etc																																												
Main technical data	<p>DOL (Direct on line)</p> <p>Single pump control</p> <p>AC380V/AC400V 50HZ/60HZ, Three phase</p> <p><i>(Customization input voltage, please contact the manufacturer)</i></p>																																												
<ul style="list-style-type: none"> Start type Qty of controlled pump Rated input voltage 																																													
<ul style="list-style-type: none"> Rated output power 	<table border="1"> <thead> <tr> <th colspan="2">Max Motor Output at AC380V / 3Phase</th> <th rowspan="2">Full Load Ampere (A)</th> <th rowspan="2">Max Starting Ampere (A)</th> <th rowspan="2"></th> </tr> <tr> <th>HP</th> <th>KW</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>0.75</td> <td rowspan="5">12A</td> <td rowspan="5">60A</td> <td rowspan="5">0.75-4kw (1-5.5hp) 5.5-7.5kw (7.5-10hp) 11kw (15hp) 15kw (20hp) 18.5kw (25hp)</td> </tr> <tr> <td>1.5</td> <td>1.1</td> </tr> <tr> <td>2.0</td> <td>1.5</td> </tr> <tr> <td>3.0</td> <td>2.2</td> </tr> <tr> <td>4.0</td> <td>3.0</td> </tr> <tr> <td>5.5</td> <td>4.0</td> <td rowspan="3">18A</td> <td rowspan="3">90A</td> <td rowspan="3"></td> </tr> <tr> <td>7.5</td> <td>5.5</td> </tr> <tr> <td>10</td> <td>7.5</td> </tr> <tr> <td>15</td> <td>11</td> <td>25A</td> <td>125A</td> <td></td> </tr> <tr> <td>20</td> <td>15</td> <td>32A</td> <td>160A</td> <td></td> </tr> <tr> <td>25</td> <td>18.5</td> <td>38A</td> <td>200A</td> <td></td> </tr> </tbody> </table> <p><i>* customization input voltage, please contact the manufacturer</i></p>	Max Motor Output at AC380V / 3Phase		Full Load Ampere (A)	Max Starting Ampere (A)		HP	KW	1.0	0.75	12A	60A	0.75-4kw (1-5.5hp) 5.5-7.5kw (7.5-10hp) 11kw (15hp) 15kw (20hp) 18.5kw (25hp)	1.5	1.1	2.0	1.5	3.0	2.2	4.0	3.0	5.5	4.0	18A	90A		7.5	5.5	10	7.5	15	11	25A	125A		20	15	32A	160A		25	18.5	38A	200A	
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<ul style="list-style-type: none"> Supported external sensing device 	Float switch (ON/OFF signal) Pressure switch (ON/OFF signal) Liquid probe PT100 temperature sensor <i>(separate PT100 temperature sensor expansion module required)</i>																																												
<ul style="list-style-type: none"> Signal transmitting distance 	1000meters max																																												

General details	
Application & control characteristic	<ul style="list-style-type: none"> . Applied for water transfer from low tank to upper tank by liquid probe or float switch . Applied for booster by pressure switch & pressure tank. . Applied for sewage lifting by liquid probe or float switch . Applied for pure cycle timer control <i>(no any logic control characteristic)</i> . Applied for temperature control by PT100 temperature sensor <i>(separate PT100 temperature sensor expansion module required)</i>
Protection function	<ul style="list-style-type: none"> . Dry run protection with sensor free . Pump stalled protection . Overload protection . Under voltage protection . Over voltage protection . Open phase protection . Phase reversal protection
Other features	<ul style="list-style-type: none"> . Push button calibration . Pure cycle timer control . Pump stop timer under manual control state . Pump last five fault record displaying . Pump accumulative running time displaying . Dynamic LCD displays pump running information . Memory Function when Power Off & Power Recovery . Optional function expansion module available: PT100 temperature sensor expansion module . A friendly human-machine interface is provided by LCD module . Pluggable terminal, easy wiring . Long distance signal transmitting . All electronic components with good stability, product quality is stable and reliable . Different housing color available: black / white . Different housing (cover) shape available . Overflow alarm for sewage lifting/drainage application
Main installation data	<ul style="list-style-type: none"> . Working temperature: -25°C -- 55°C . Working humidity: 20%-90%RH, no condensing . Degree of protection: IP67 . Mounting type: Wall mounting . Unit dimension(L * W * H) 229*193*116mm



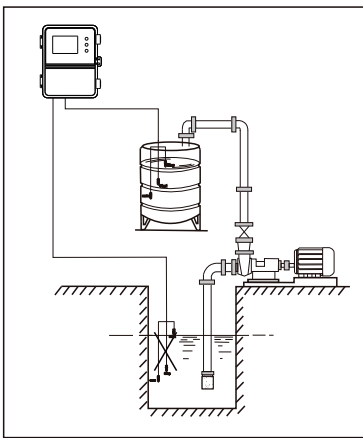
General details

Package data

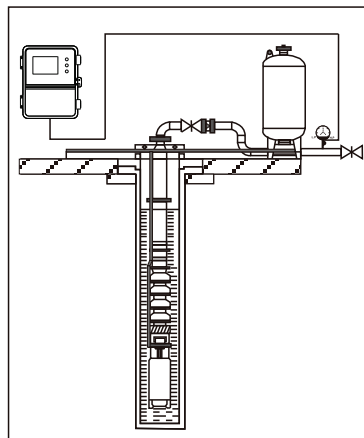
. Net weight	1.6kg/set (approximate)
. Gross weight	1.8kg/set (approximate)
. Packing quantity	8sets in 1carton box, Carton size: 56x41x29cm

Typical Application Example

Feed water / Water transfer



Pressure boosting



Drainage / Sewage

