

产品用途 Product Usage

COB-系列防雨型起重设备用按钮式开关，系仿国外同类产品基础上加以精心改进的产品，扩大了使用功能，其技术性能达到国外九十年代先进水平。开关采用全塑外壳，结构合理。产品配置橡胶电缆护套和防水密封条，具有良好的防尘防雨淋性能，其防护性能达到IP54级。所以本开关特别适用于露天、有雨雪、多尘埃侵害环境的电路控制系统中，如起重机、电动葫芦等设备远距离控制。

除电源开关“通”按钮能自锁外，其余按钮具有自动复位性能，并且具有正反向控制的机械联锁机构。不仅简化了电路，而且有效地保护电路及设备运行。

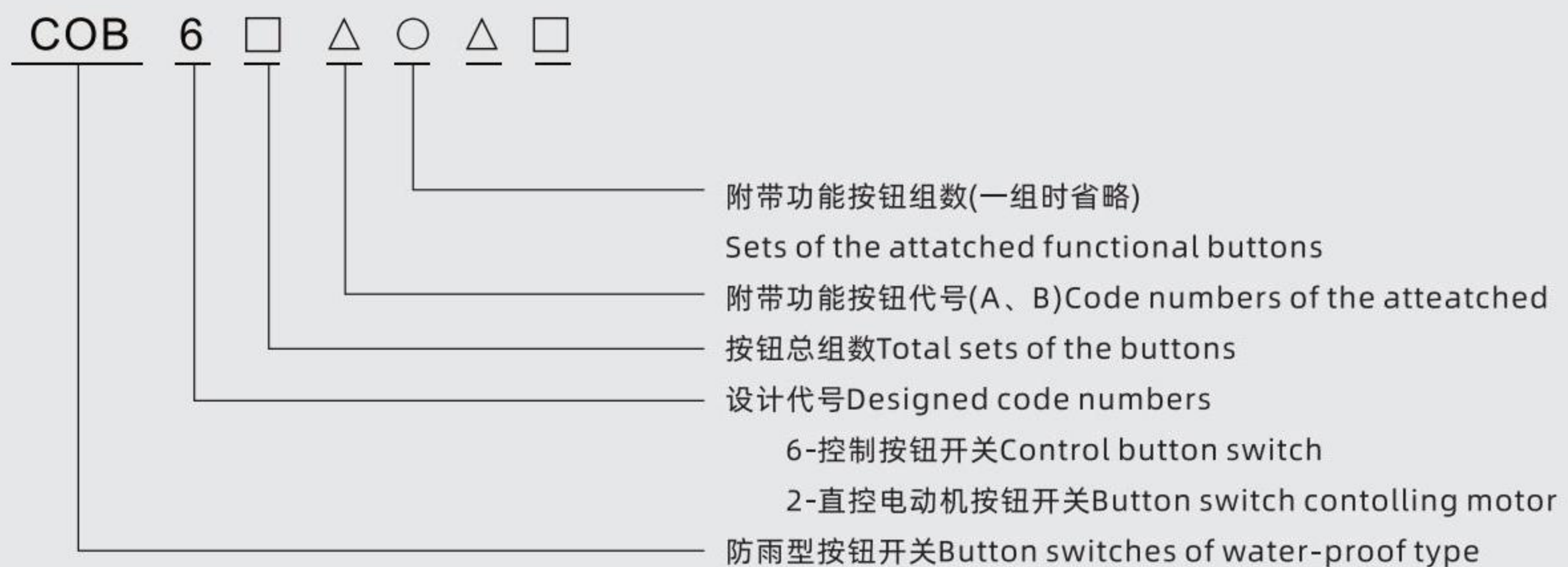
该产品符合Q/YDD02-00、GB14048.5-2001和EN60947-5-1:1997标准。

Water-proof lifting Button Switches of COB-series are precisely improved on the same kind of the domestic and foreign products. This enlarges the operational functions. The technical competence comes up to the advanced world standards of the nineties. The products are noted for their plastic outer casing, artistic appearance and rational design. Equipped with rubber protective casings and water-proof performance. The protective function reaches grade IP54. This is why our products are especially suitable for using in the circuit control system in the open air encroached upon by rain and snow such as in the remote control of lifters and electric bocks.













Except the self-lock of the on-button of the main switch, the other buttons all have the automatic and front-to-back control mechanical interlockers as well. It not only simplifies the circuit, but also effectively protects the motion of the circuit and the appliances.

Q/YDD02-00, GB/4048-2001 and EN60947.5.1:1997.

型号含义 Model and meaning



按钮标记 Button mark

								
上升 Up/Rise	下降 Down/Drop	快上 Quick up	快下 Quick down	左/东 Left/East	右/西 Right/West	前/南 Front/south	后/北 Back/North	顺转 Veer
								
运行 Operation	停止 Stop	关 Off	开 On	1车 Vehicle 1	2车 Vehicle 2	照明 Lighting	警铃 Alarm bell	逆转 Backspin

按钮功能代号

代号	特征	技术参数
COB-6□(P)动合常开按钮	按钮联锁。自动复位是本系列典型、最常用的动合常开按钮	额定电压电流 AC380V 5A
COB-6□(P)控制按钮开关	ON (开) 常开自锁由OFF驱动复位	AC250V 10A
COB-6□(P)启动停止按钮	按钮一常开一常闭自动复位	电器寿命 100万次
COB-6□(P)双速钮	两钮联锁，自动复位与常闭触头比，各有一提早、一滞后动合常开触头	额定电压380V
COB-6□(P)三级直控按钮开关	两钮联锁，自动复位各有三对同时动合的常开触头	持续电流5A 电器寿命10万次

接线安装及注意事项

防御性能主要决定于是否能正确地接线安装!

- 1、拆下端盖，将适当规格尺寸的电缆套入橡胶护套，并应保证电缆与护套紧密配合，否则应采取必要的措施，保证防御的密封性。
- 2、拆下后盖，接入控制线。接线时应注意控制线与按钮上控制线与按钮上控制方向一致。
- 3、装好端盖和后盖。注意橡胶密封件是否平整；所有螺钉都应均匀地拧紧，保持应有的密封性!
- 4、使用一定时间后，应检查按钮处密封性！是否破损，若有破损应予更换，否则就会失去防御性和使用安全性。

工业遥控器 Industrial remote control

发射器工作电压：2×1.5V 5号/7号电池

接收器工作电压：12V/24V/36V/220V/380V等

外壳采用PA-VI材质，坚固耐用

操作距离最高可达150米

工作温度：-30°C~+85°C

接收灵敏度：115dBm

防护等级：IP65

出厂42亿组无重复编码



F21-E1B起重行车遥控器及接收器



F23-A++起重行车遥控器及接收器


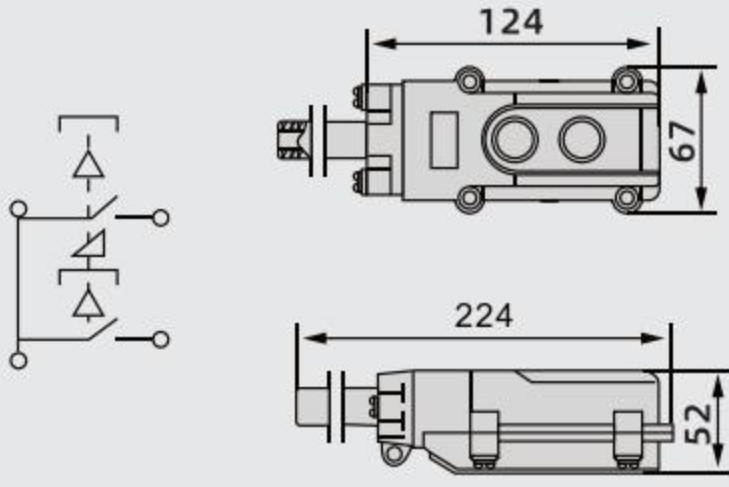

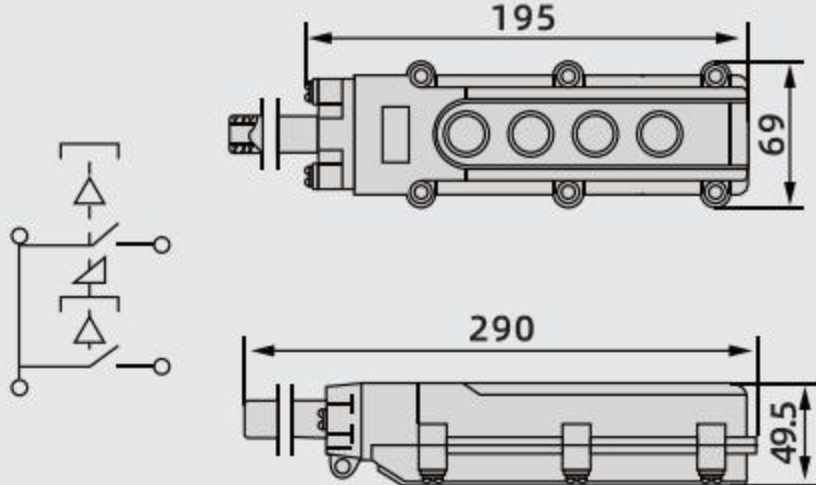

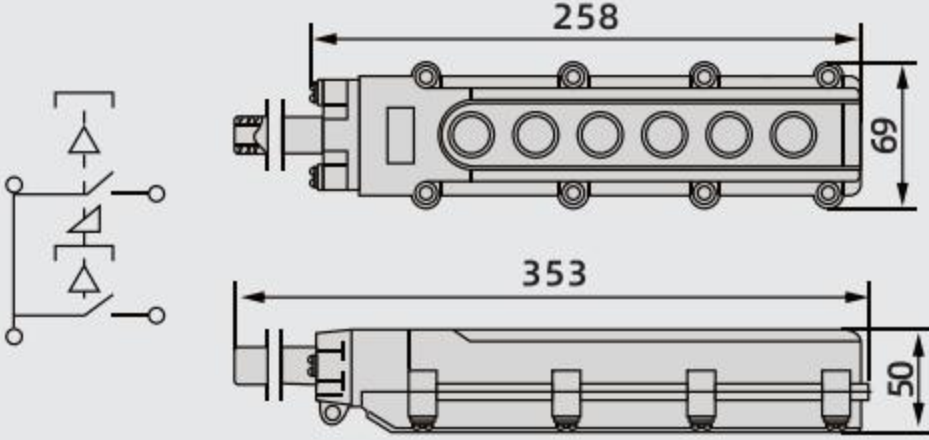

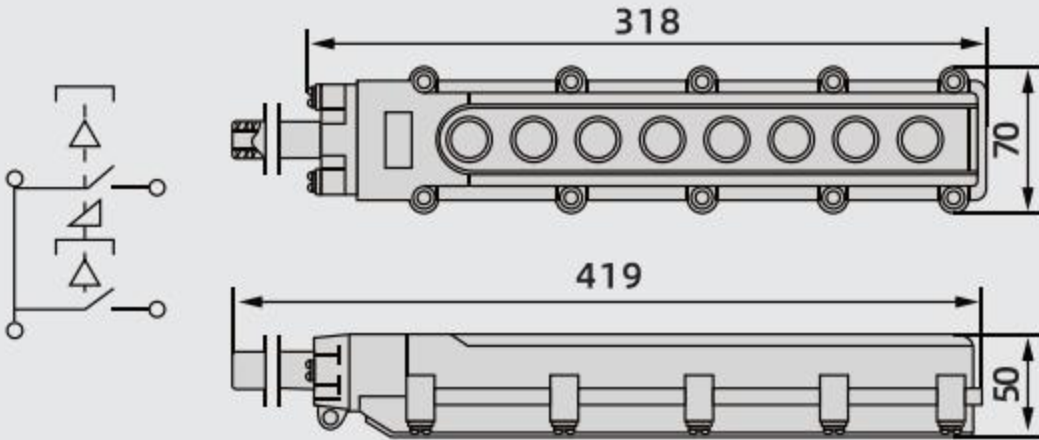

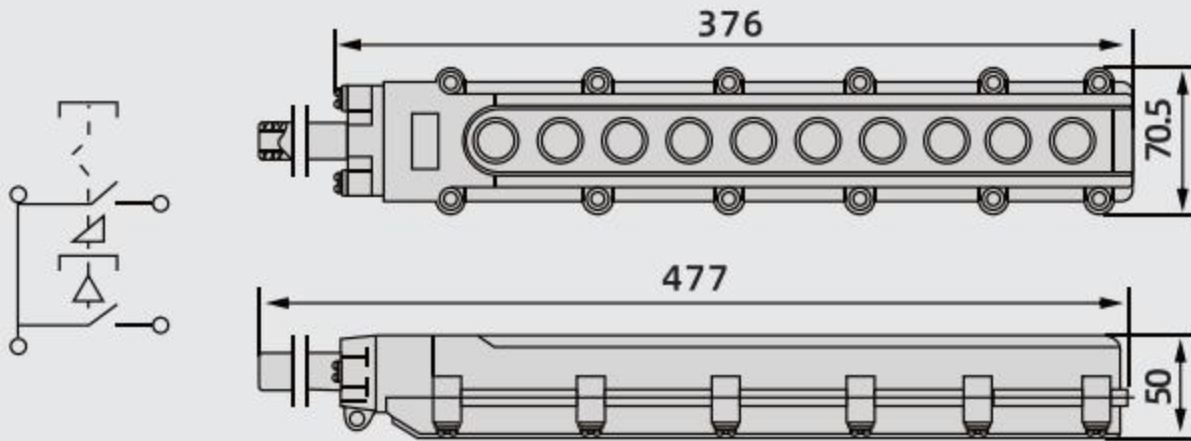


F21-4起重行车遥控器及接收器


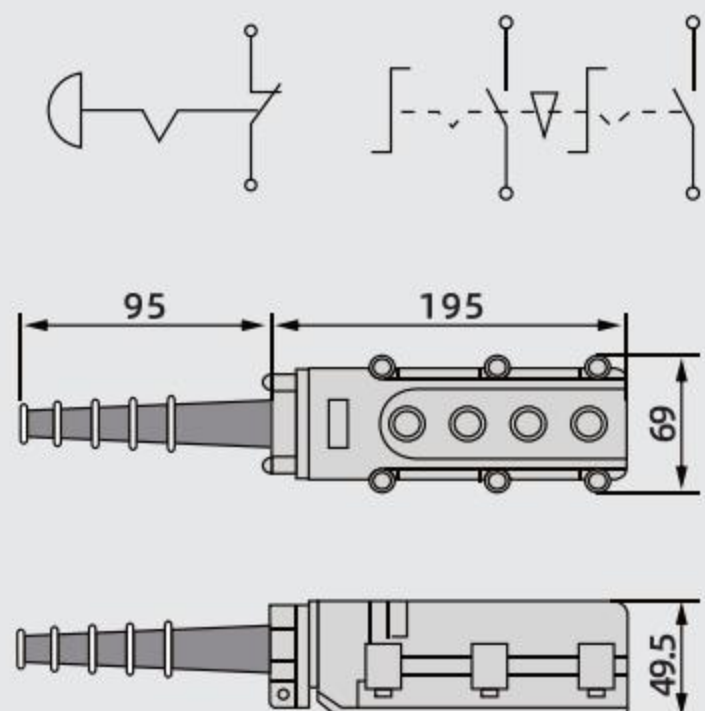

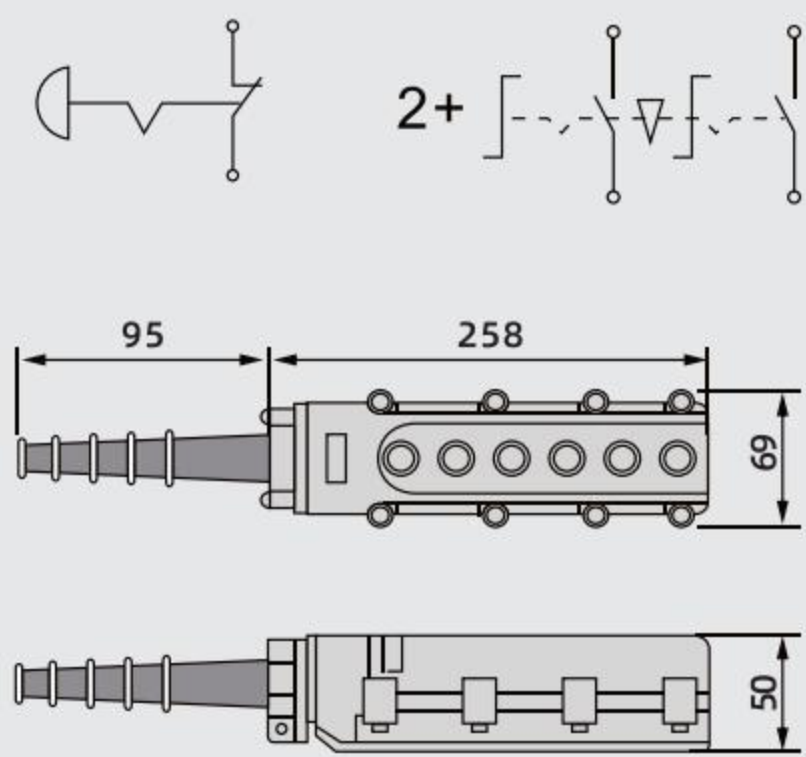

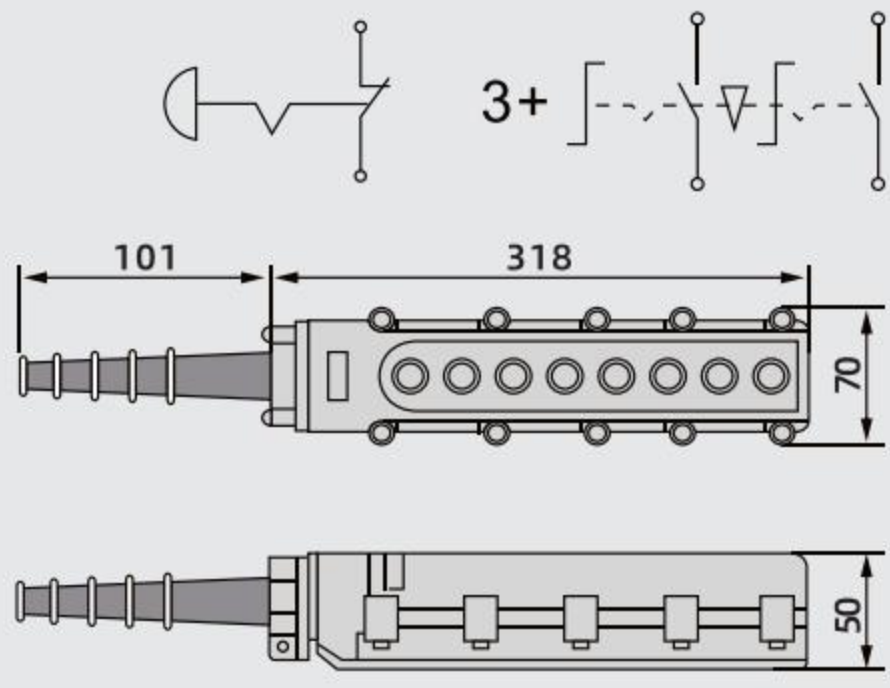

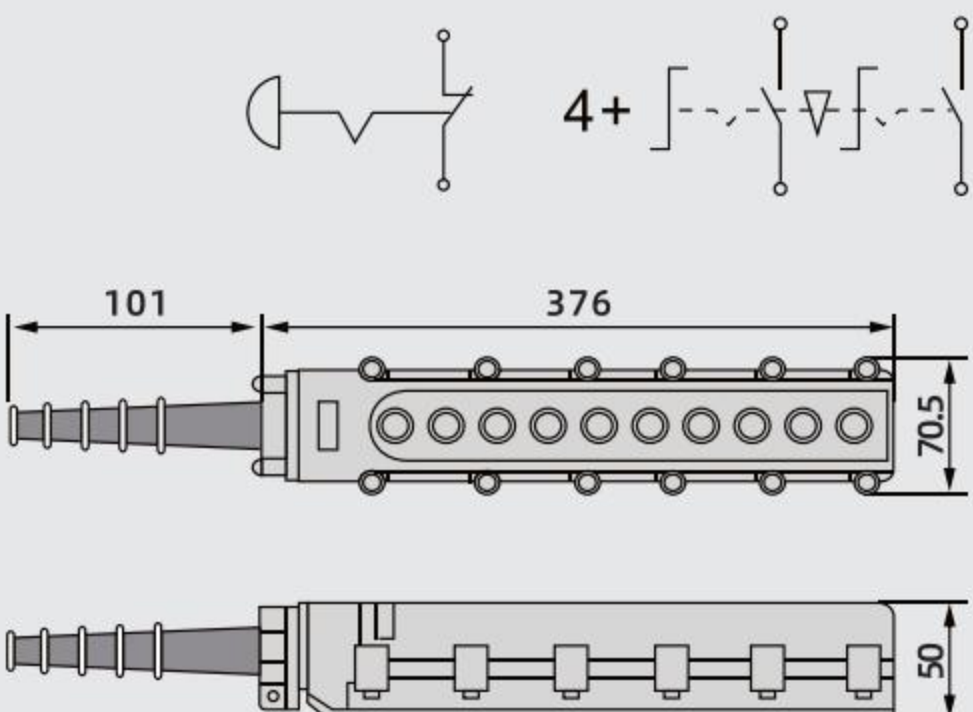


F21-6起重行车遥控器及接收器


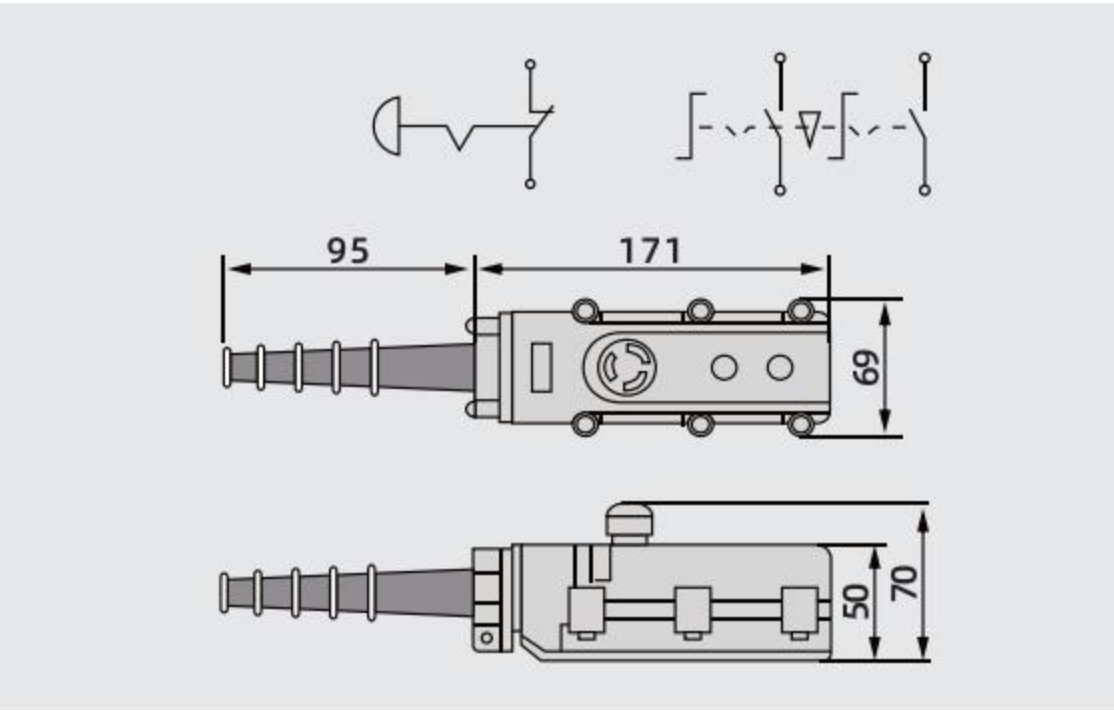

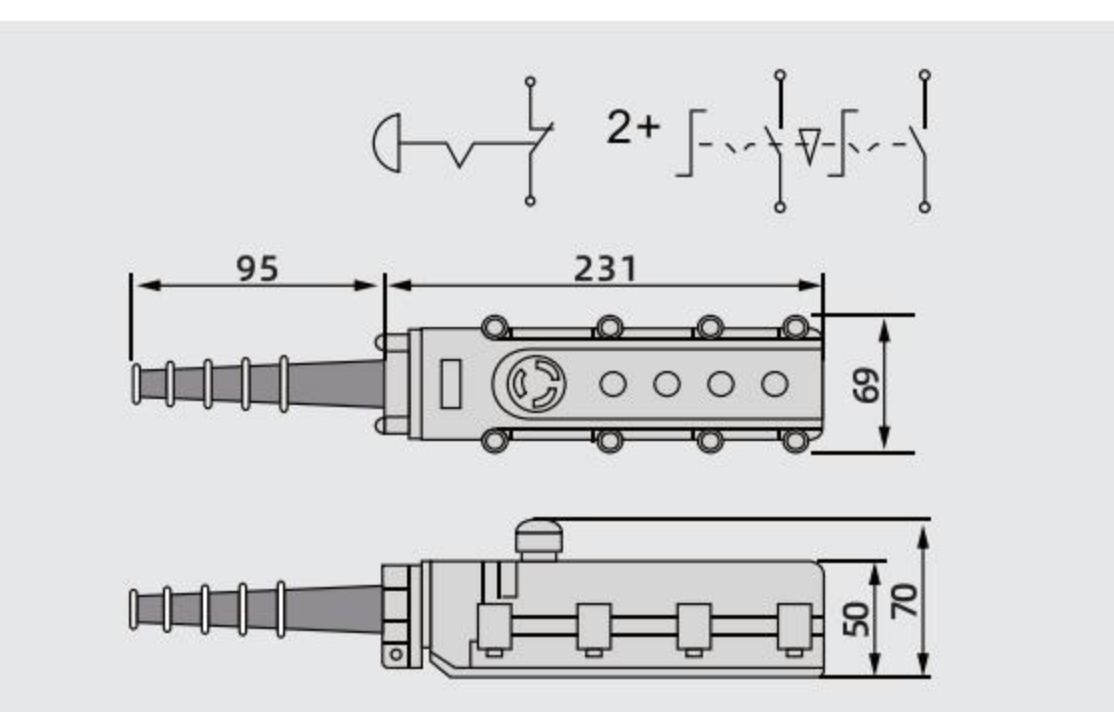

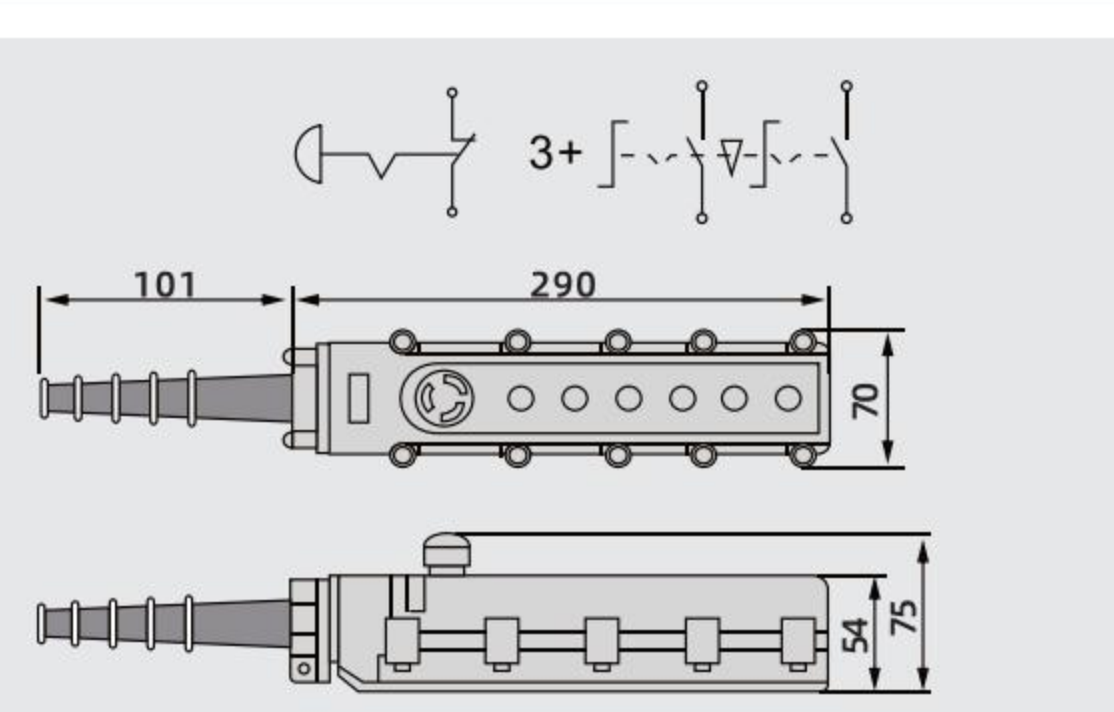

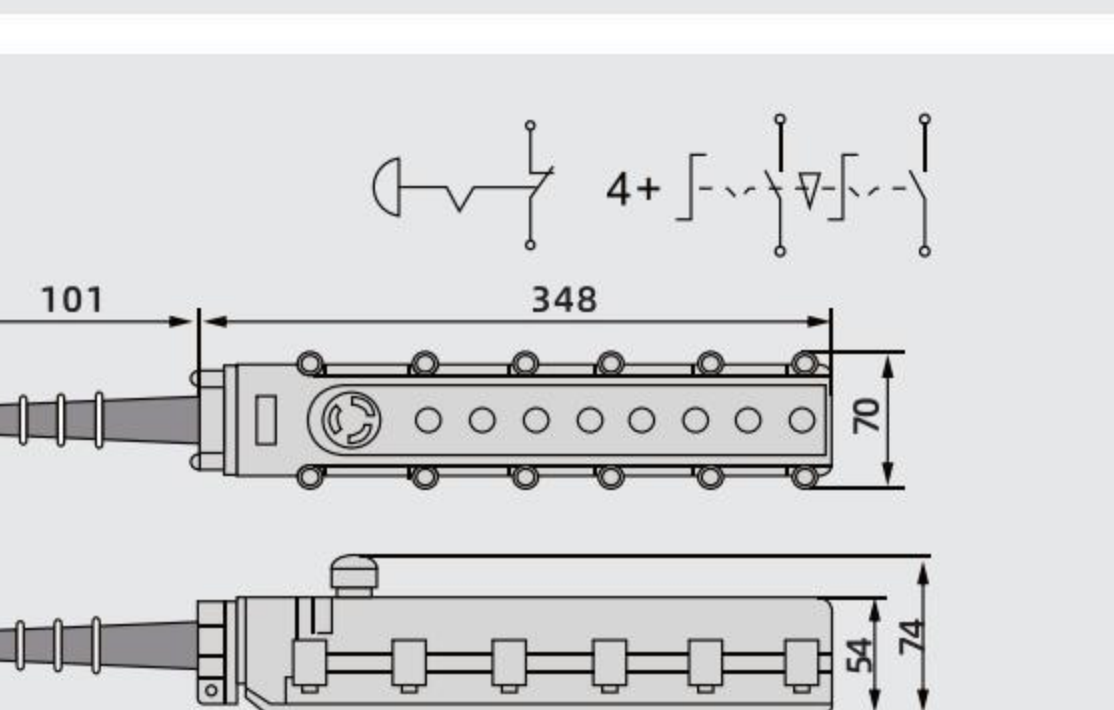

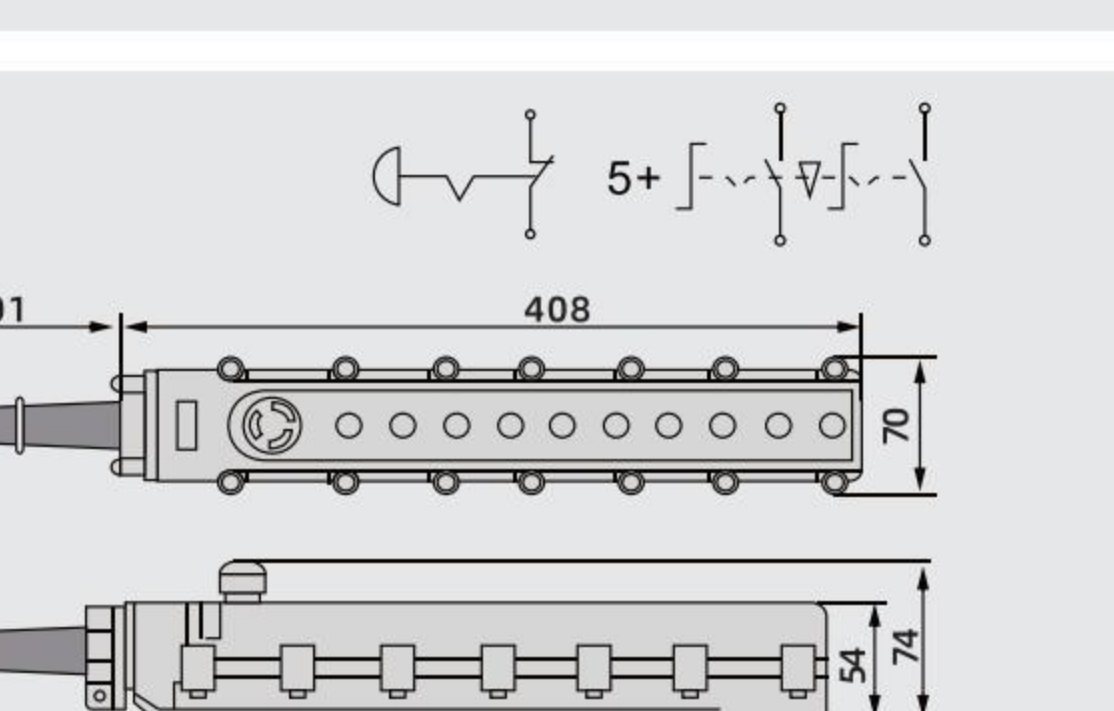
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61</p>	<p>Button inter lock and auto reset Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-62</p>	<p>Button inter lock and auto reset Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-63</p>	<p>Button inter lock and auto reset Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-64</p>	<p>Button inter lock and auto reset Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-65</p>	<p>Button inter lock and auto reset Ui:500V Ith:2A AC-15 250V~5A</p>	


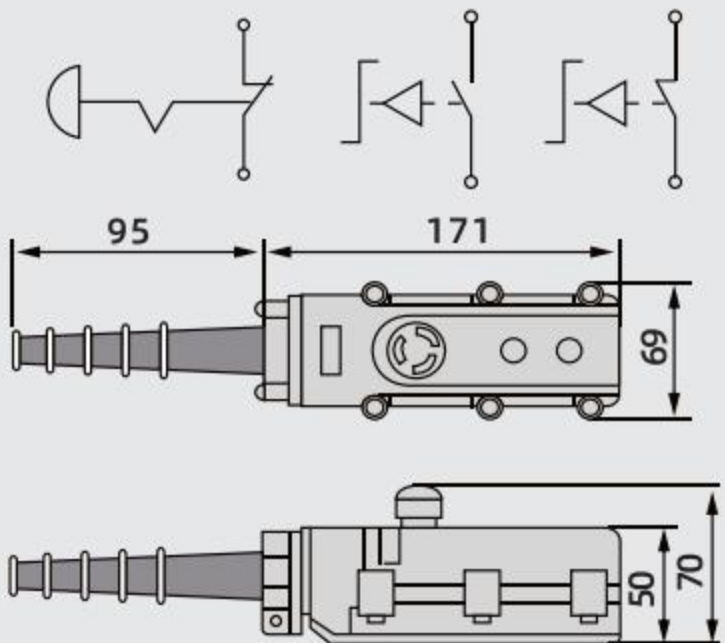

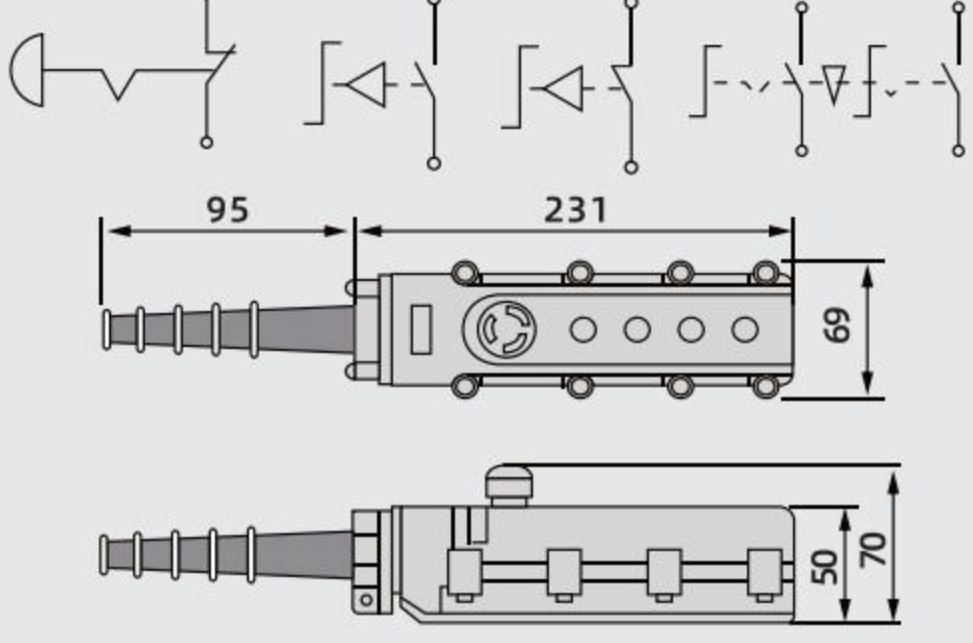

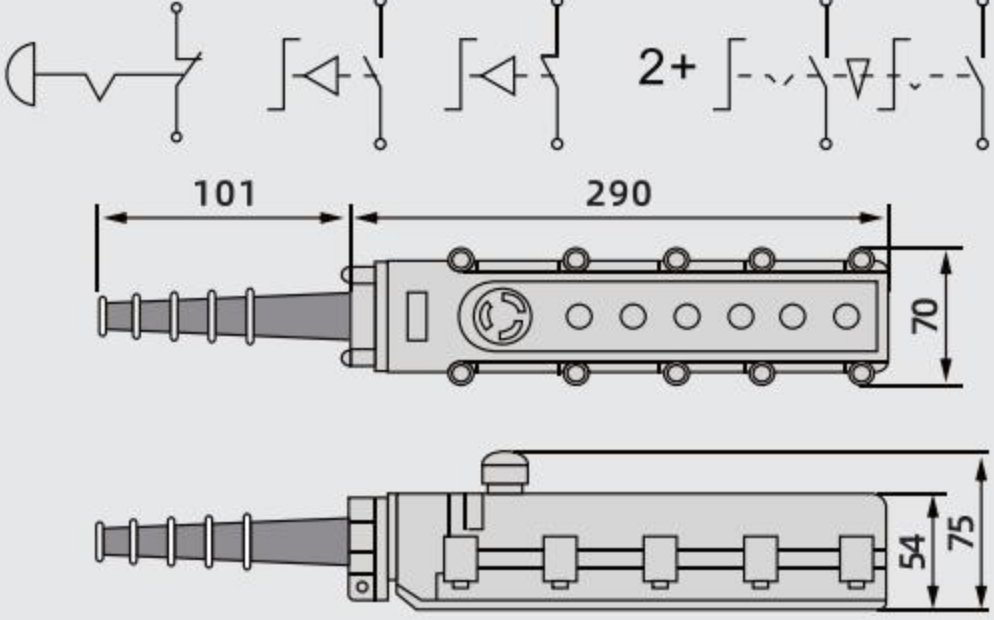

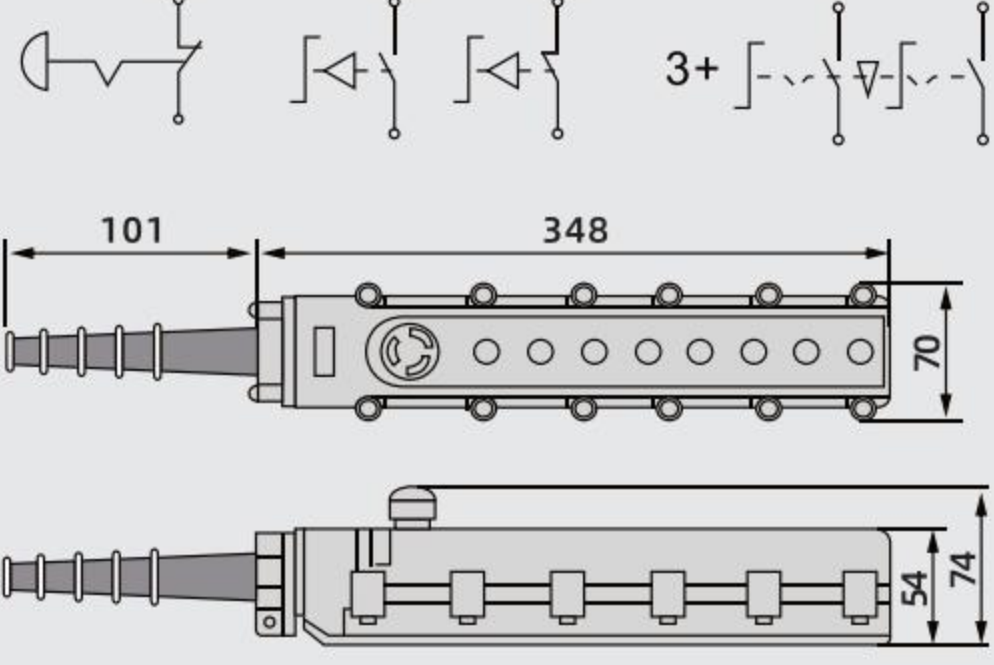

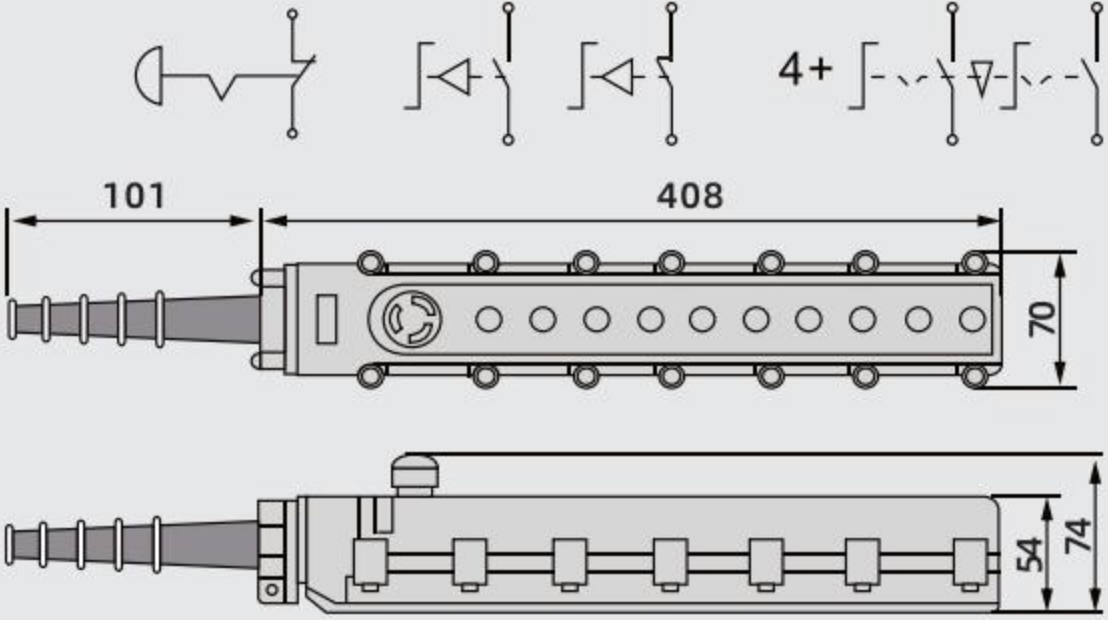
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61A</p>	<p>ON(开)常开自锁, 由OFF驱动复位, 两钮联锁, 自动复位 Normal-on and self- lock,reset is driven by off. Two buttons inter lock self-reset. two couples normal-on-off</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a normally open self-locking contact and a reset contact. The outline drawing shows a rectangular switch with a mounting bracket on the left. Dimensions are: 95mm (bracket length), 195mm (total length), and 69mm (height).</p>
 <p style="text-align: right;">COB-62A</p>	<p>ON(开)常开自锁, 由OFF驱动复位, 两钮联锁, 自动复位 Normal-on and self- lock,reset is driven by off. Two buttons inter lock self-reset. two couples normal-on-off</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a normally open self-locking contact and two reset contacts. The outline drawing shows a rectangular switch with a mounting bracket on the left. Dimensions are: 95mm (bracket length), 258mm (total length), and 69mm (height).</p>
 <p style="text-align: right;">COB-63A</p>	<p>ON(开)常开自锁, 由OFF驱动复位, 两钮联锁, 自动复位 Normal-on and self- lock,reset is driven by off. Two buttons inter lock self-reset. two couples normal-on-off</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a normally open self-locking contact and three reset contacts. The outline drawing shows a rectangular switch with a mounting bracket on the left. Dimensions are: 101mm (bracket length), 318mm (total length), and 70mm (height).</p>
 <p style="text-align: right;">COB-64A</p>	<p>ON(开)常开自锁, 由OFF驱动复位, 两钮联锁, 自动复位 Normal-on and self- lock,reset is driven by off. Two buttons inter lock self-reset. two couples normal-on-off</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a normally open self-locking contact and four reset contacts. The outline drawing shows a rectangular switch with a mounting bracket on the left. Dimensions are: 101mm (bracket length), 376mm (total length), and 70.5mm (height).</p>

防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61H</p>	<p>推锁旋转紧急停止按钮, 两钮联锁,自动复位</p> <p>Push lock revolveurgent stop button one off(one off two on)</p> <p>Ui:500V lth:2A AC-15 220V-5A</p>	 <p>Technical drawing showing dimensions: 95, 171, 69, 50, 70.</p>
 <p style="text-align: right;">COB-62H</p>	<p>推锁旋转紧急停止按钮, 两钮联锁,自动复位</p> <p>Push lock revolveurgent stop button one off(one off two on)</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing dimensions: 95, 231, 69, 50, 70.</p>
 <p style="text-align: right;">COB-63H</p>	<p>推锁旋转紧急停止按钮, 两钮联锁,自动复位</p> <p>Push lock revolveurgent stop button one off(one off two on)</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing dimensions: 101, 290, 70, 54, 75.</p>
 <p style="text-align: right;">COB-64H</p>	<p>推锁旋转紧急停止按钮, 两钮联锁,自动复位</p> <p>Push lock revolveurgent stop button one off(one off two on)</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing dimensions: 101, 348, 70, 54, 74.</p>
 <p style="text-align: right;">COB-65H</p>	<p>推锁旋转紧急停止按钮, 两钮联锁,自动复位</p> <p>Push lock revolveurgent stop button one off(one off two on)</p> <p>Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing dimensions: 101, 408, 70, 54, 74.</p>


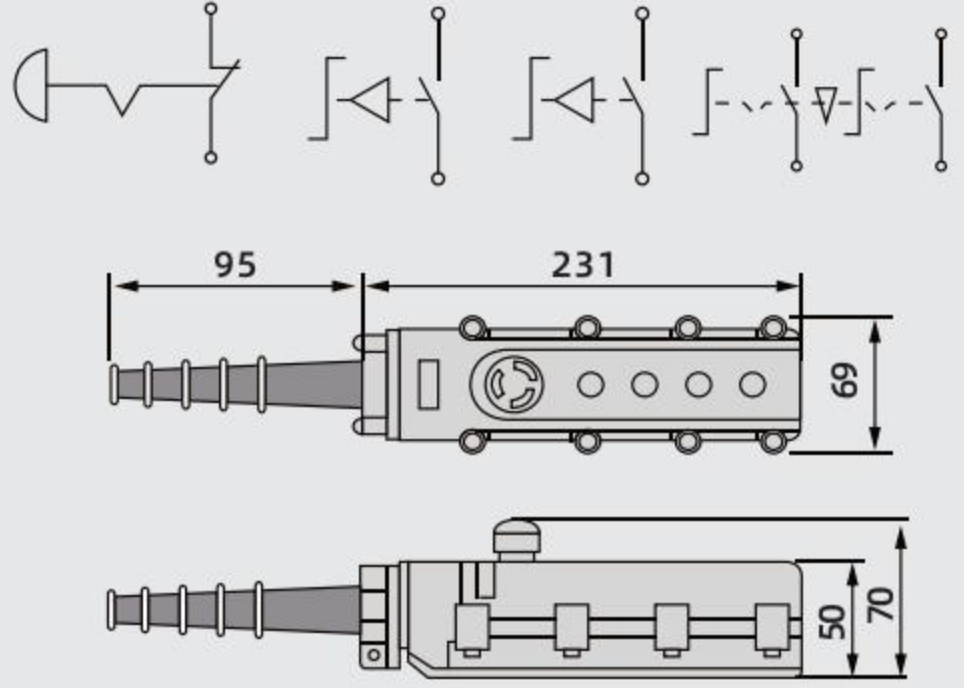

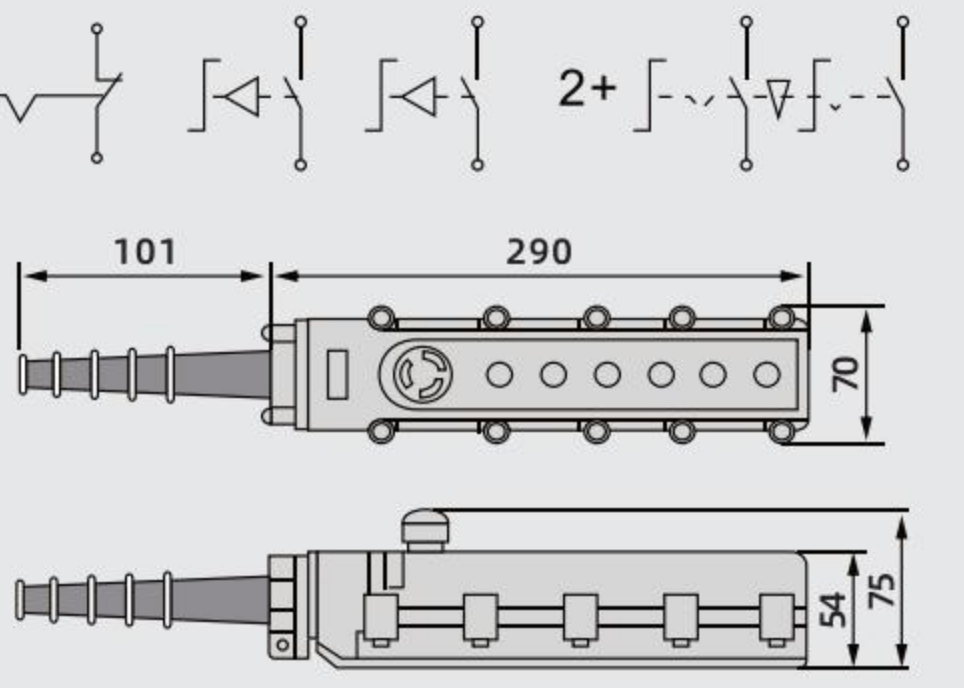

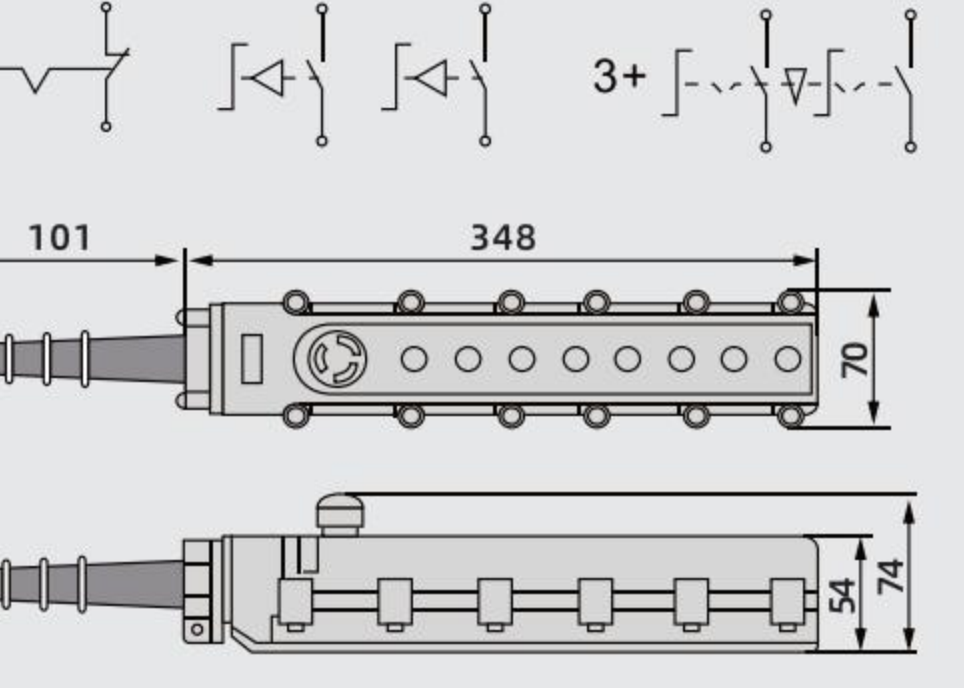
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61BH</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-62BH</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-63BH</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-64BH</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-65BH</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	


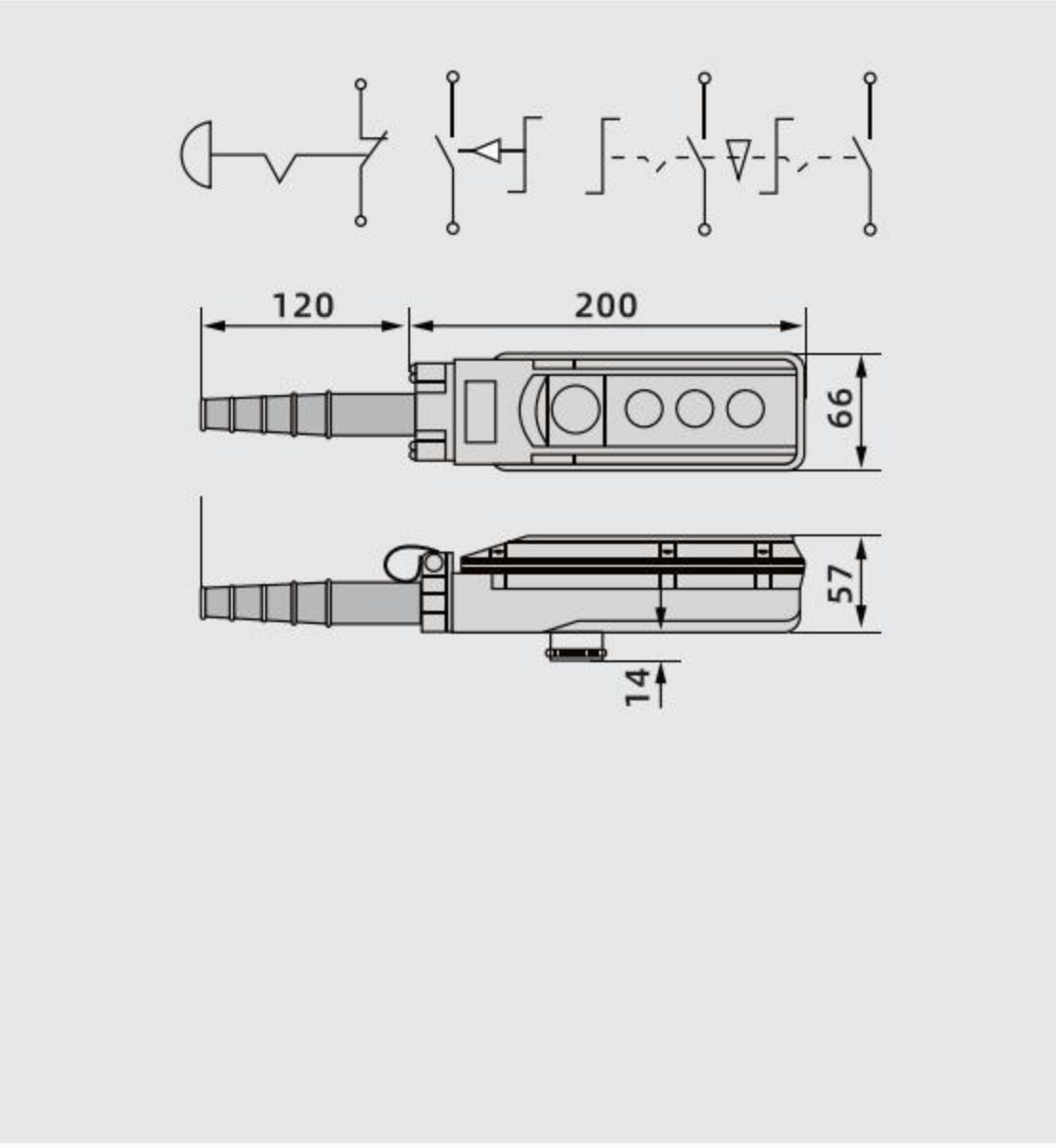

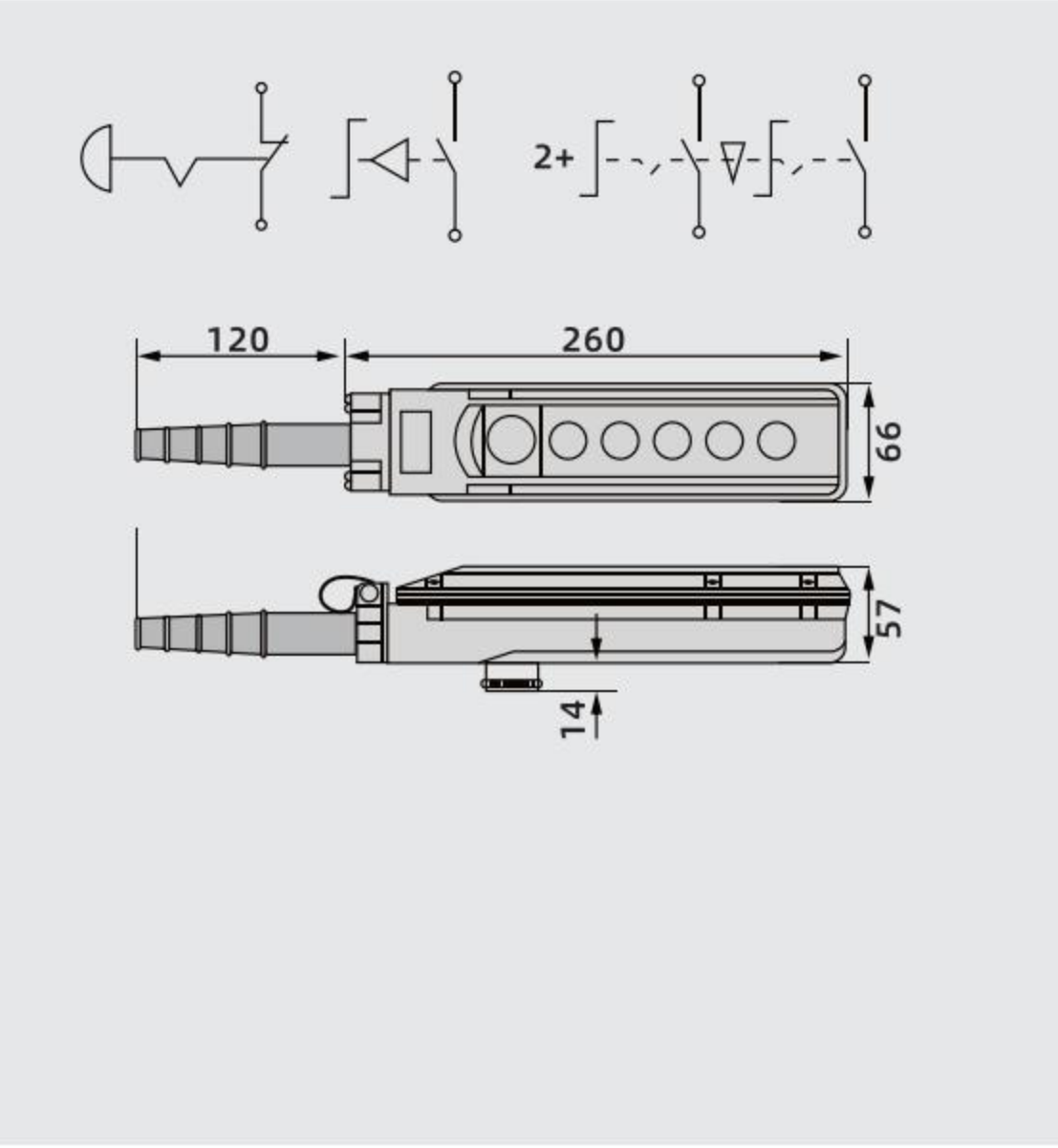

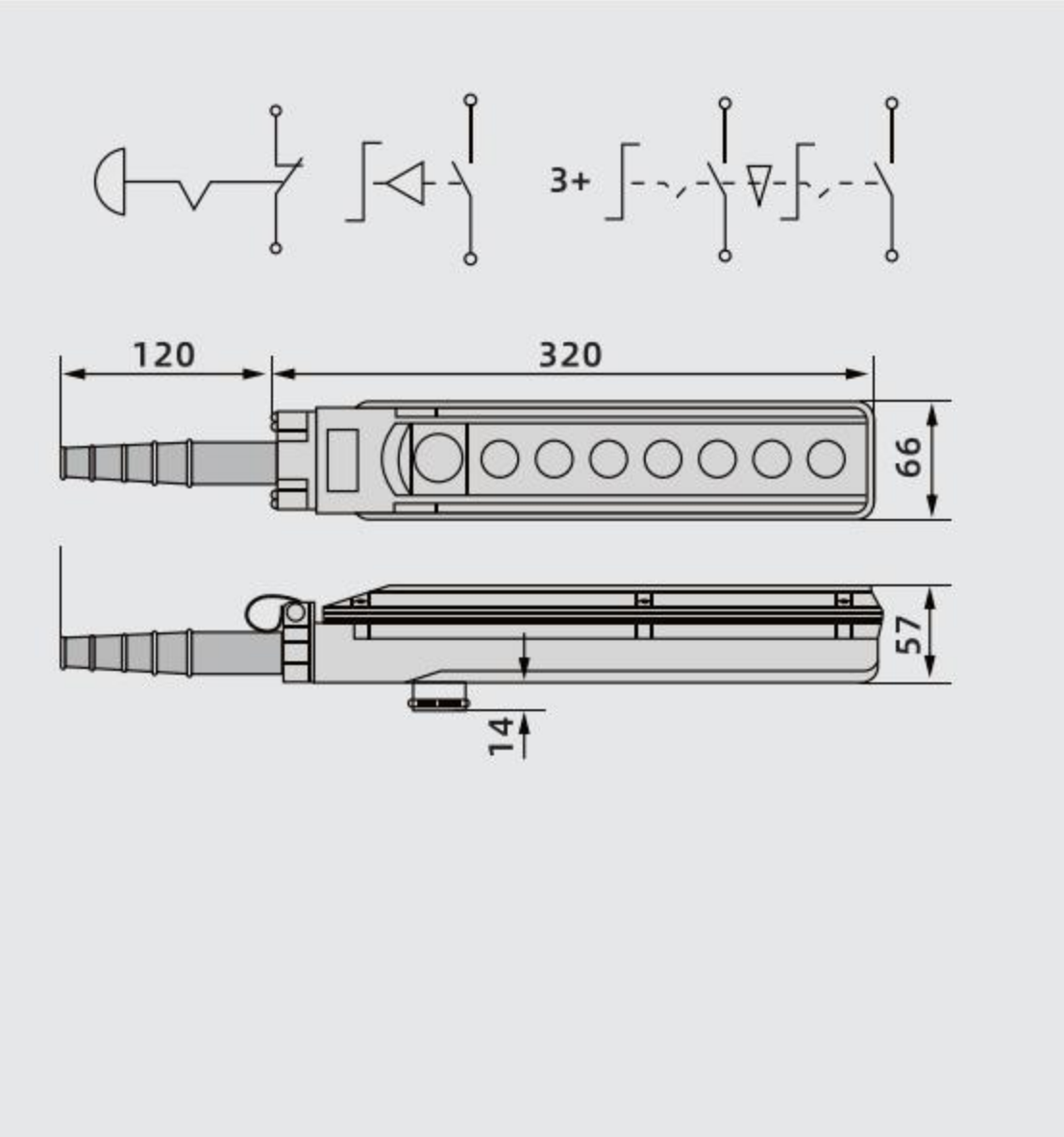
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-31</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-32</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-33</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COP-213</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2.2KW AC-15 250V 2.2KW</p>	
 <p style="text-align: right;">COP-22</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2.2KW AC-15 250V 2.2KW</p>	
 <p style="text-align: right;">COP-23</p>	<p>两钮联锁，自动复位， 各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2.2KW AC-15 250V 2.2KW</p>	


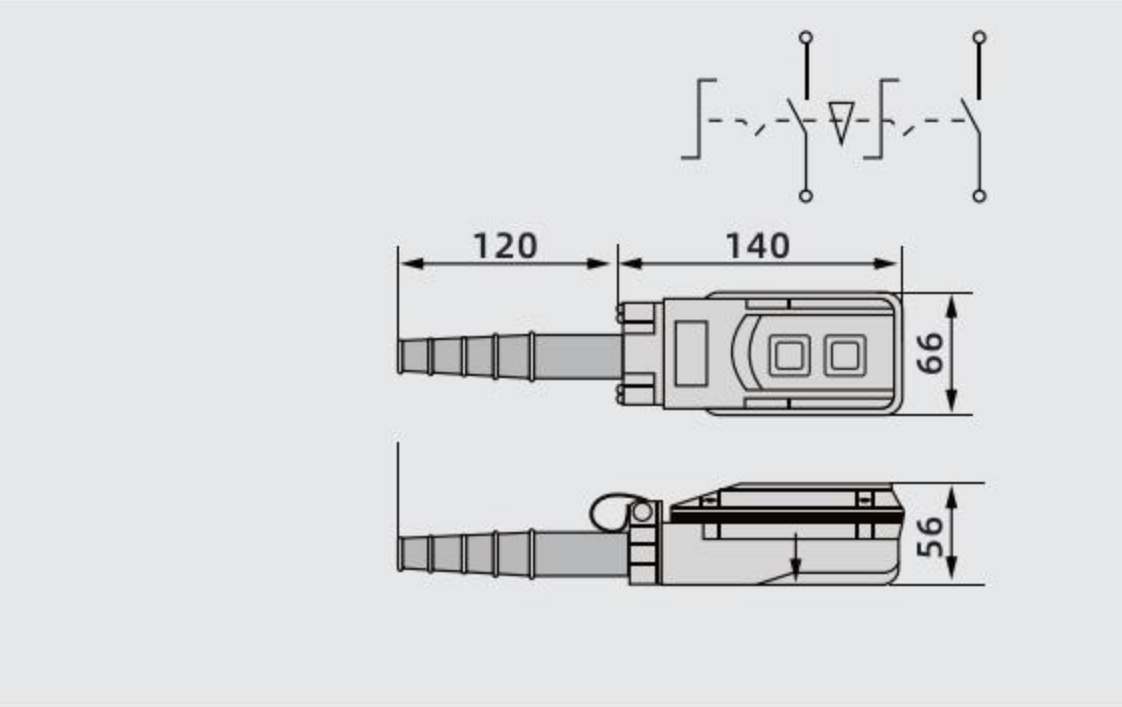

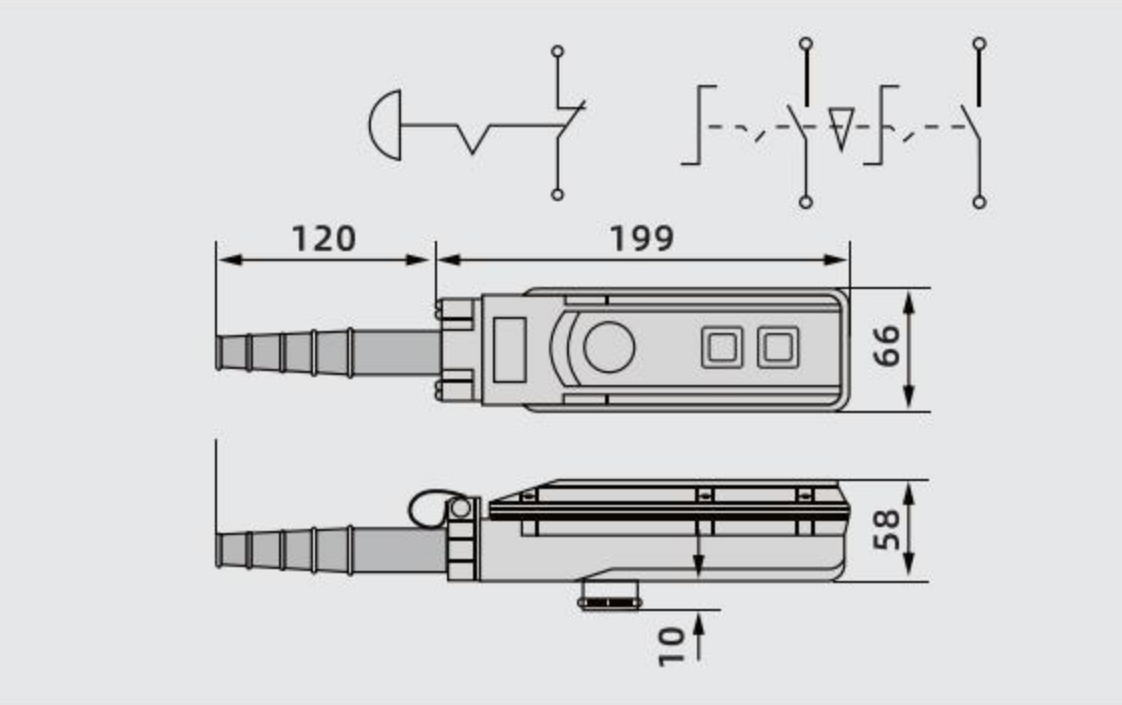

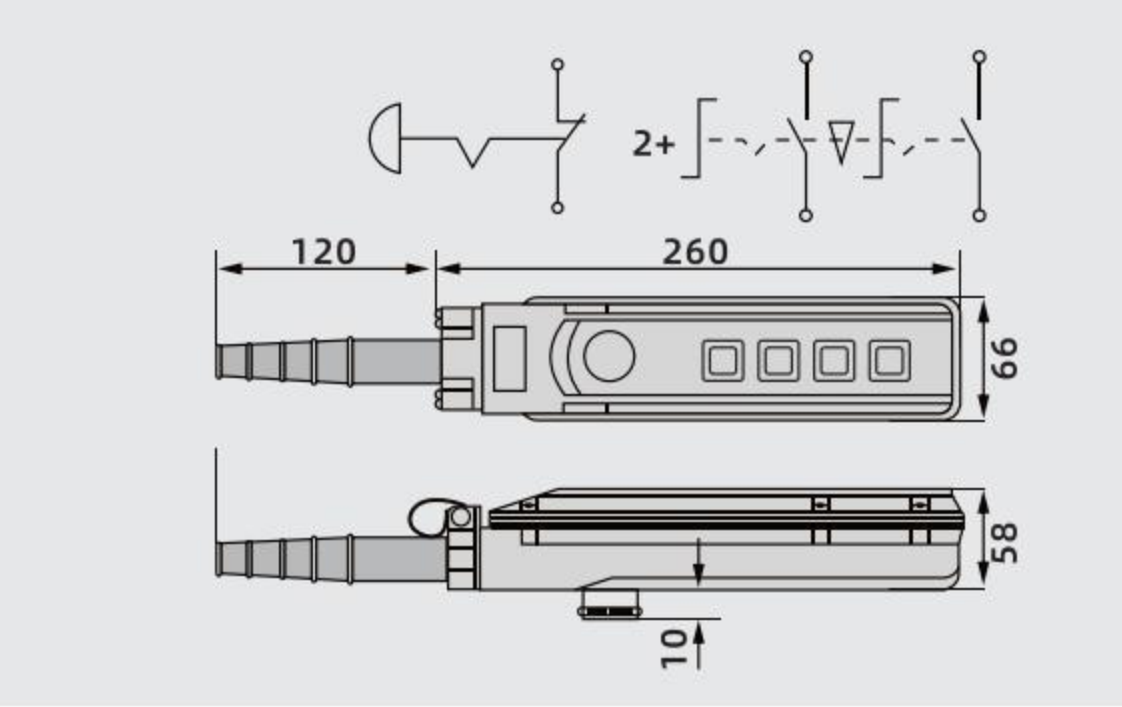

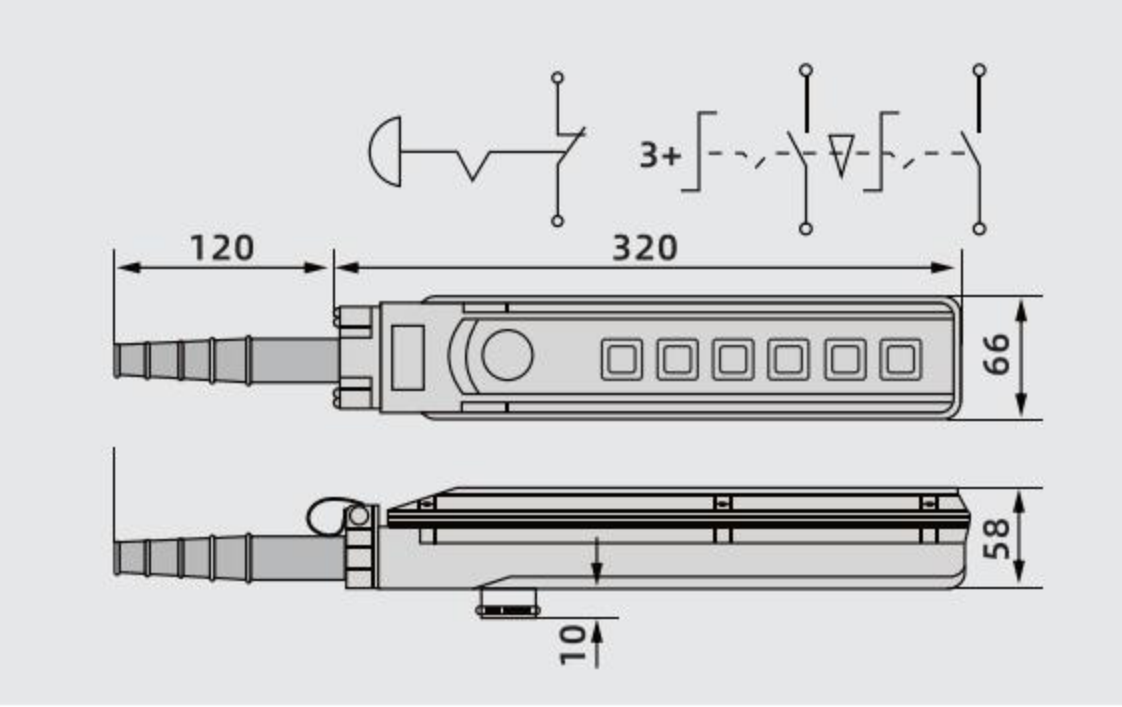

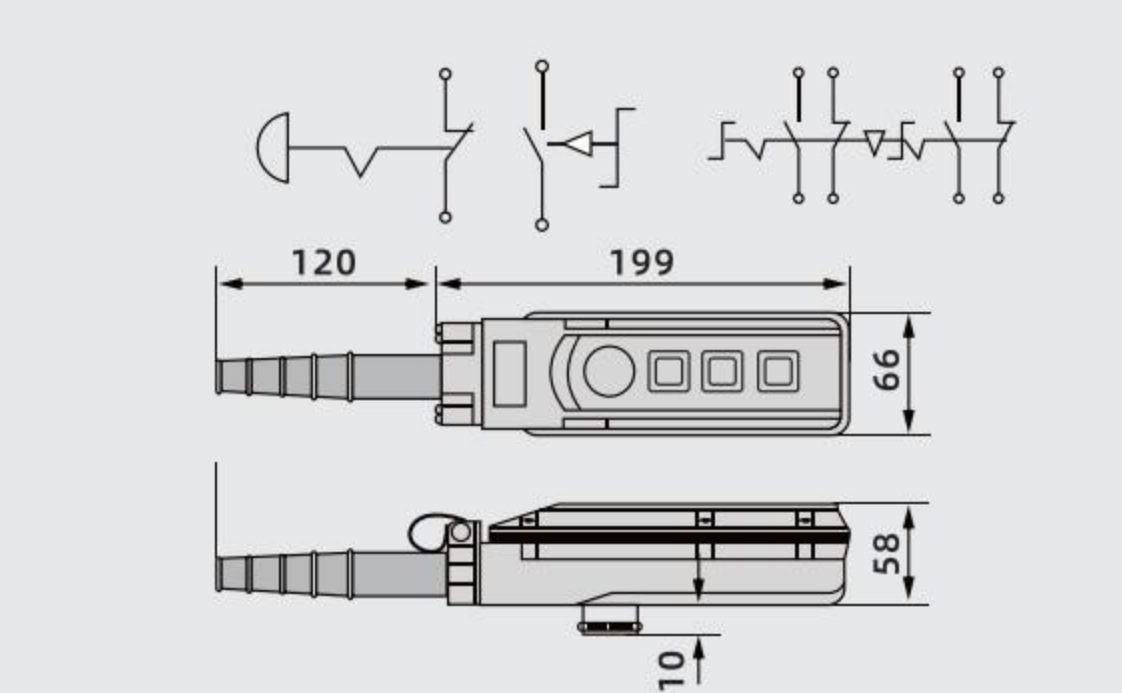
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61KA</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The circuit schematic shows a stop button (NO), two interlocking stop buttons (NO), and three interlocking forward buttons (NO). The outline drawing shows a length of 231mm and a width of 69mm.</p>
 <p style="text-align: right;">COB-62K</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The circuit schematic shows a stop button (NO), two interlocking stop buttons (NO), and two plus interlocking forward buttons (NO). The outline drawing shows a length of 290mm and a width of 70mm.</p>
 <p style="text-align: right;">COB-63K</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位。</p> <p>Push lock revolve urgent stop button one off(one off two on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The circuit schematic shows a stop button (NO), two interlocking stop buttons (NO), and three plus interlocking forward buttons (NO). The outline drawing shows a length of 348mm and a width of 70mm.</p>


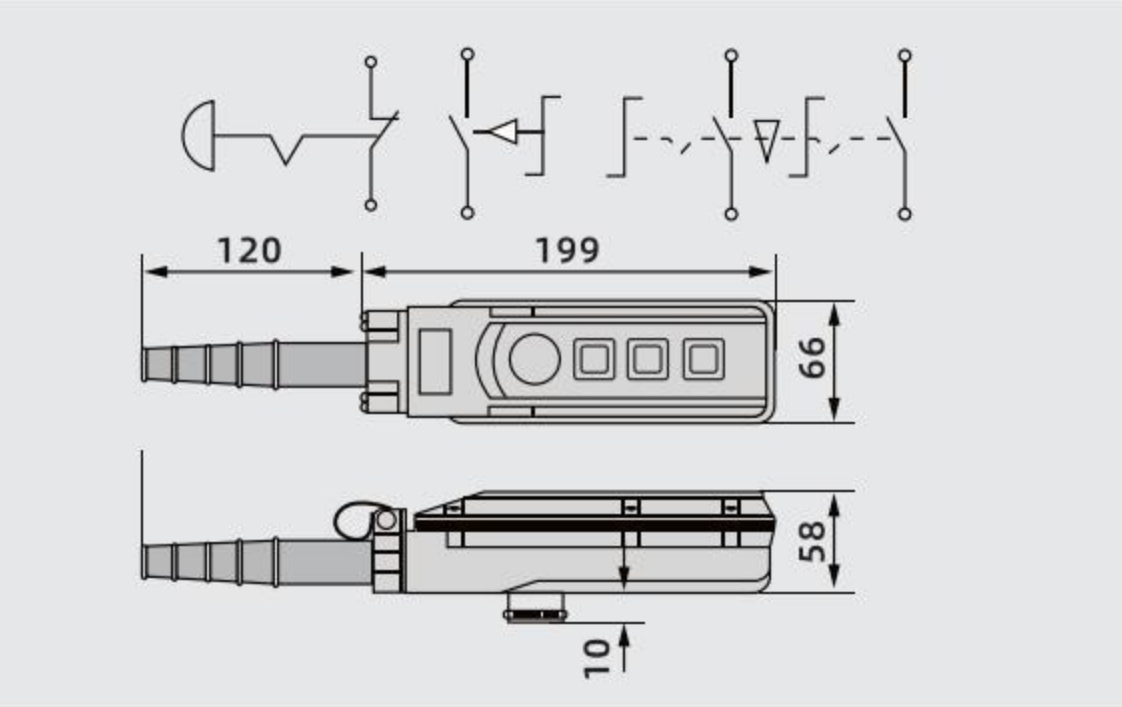

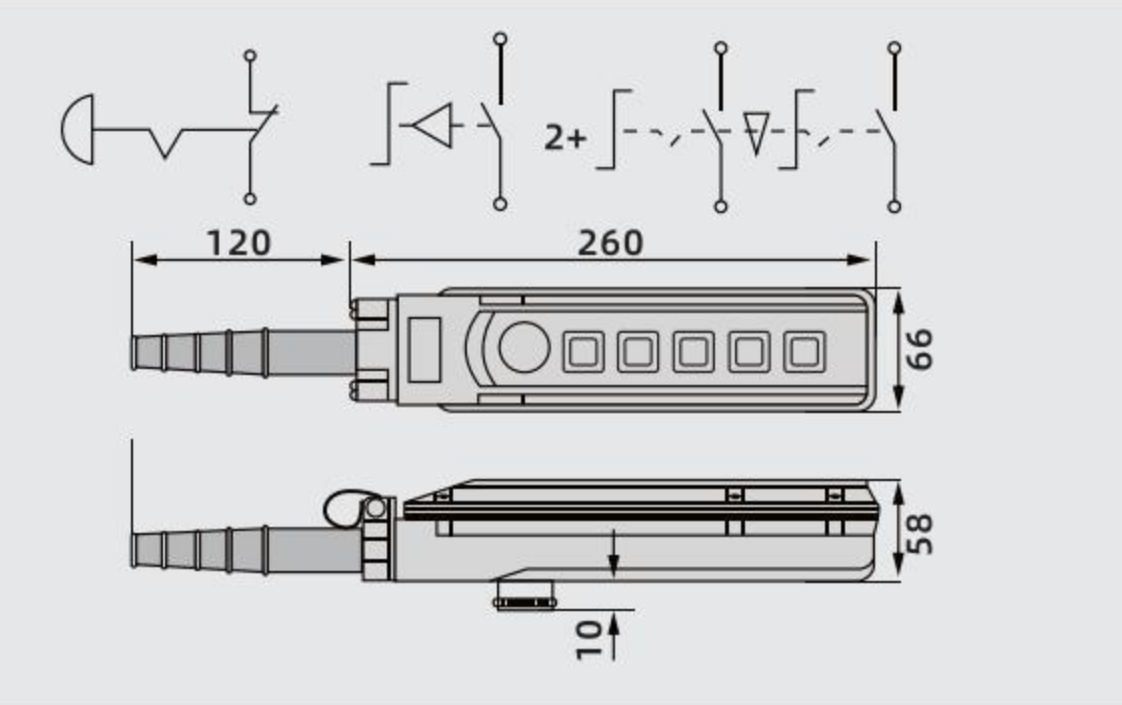

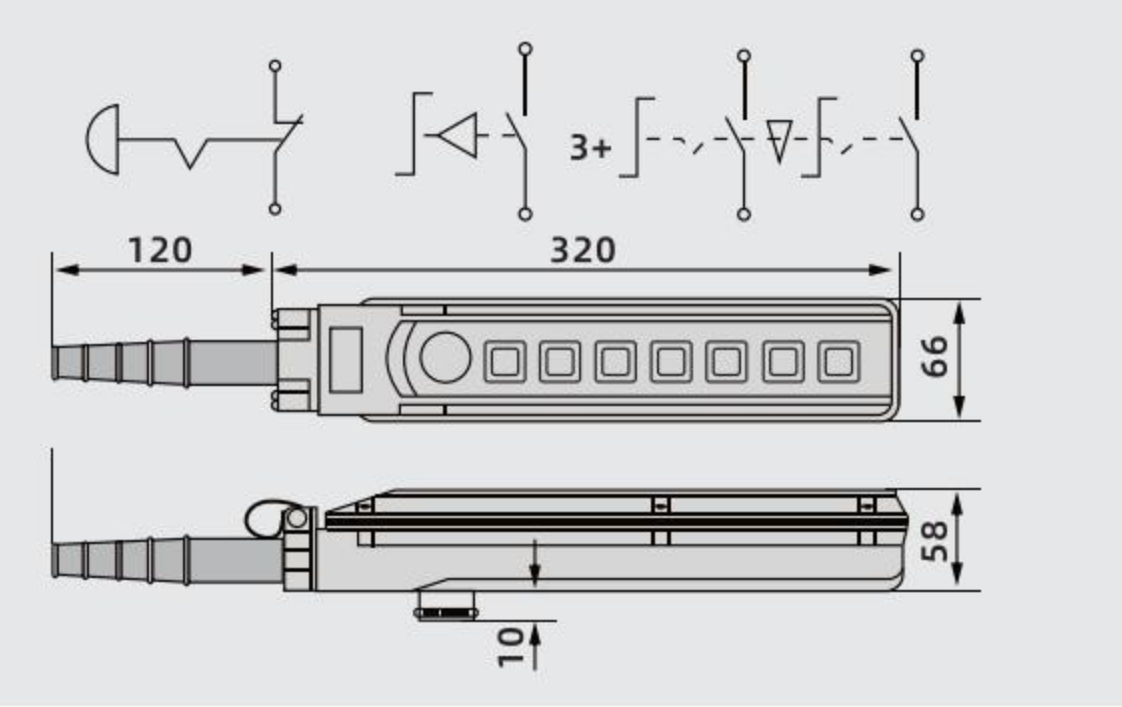

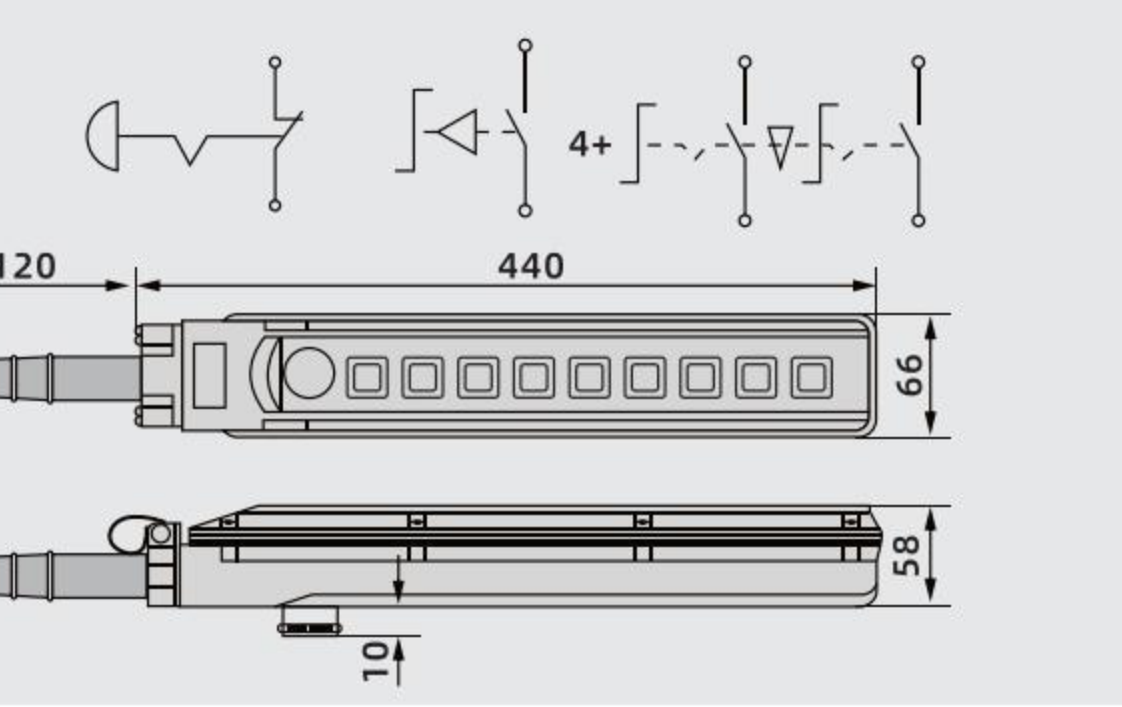

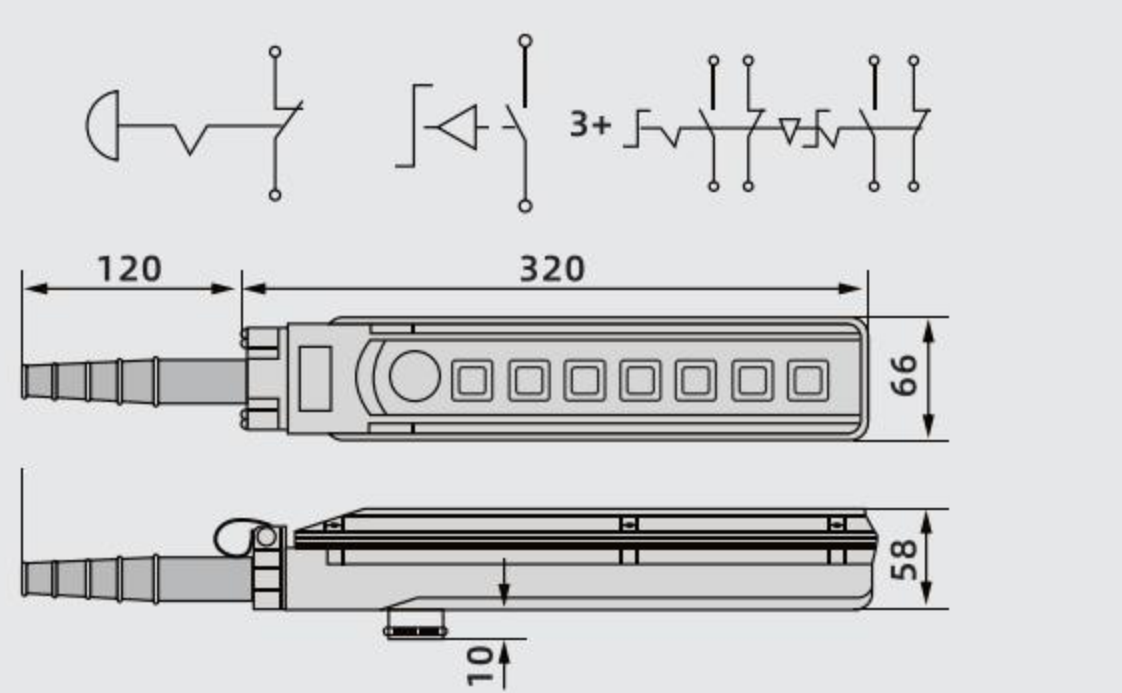
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61K</p>	<p>Push lock revolve urgent stop button; one off (one off one on)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a stop button, a stop button with a lock, and a start button with a lock. The outline drawing shows a yellow rectangular switch with a length of 200mm, a width of 66mm, and a height of 57mm. The mounting bracket has a length of 120mm and a height of 14mm.</p>
 <p style="text-align: right;">COB-62K</p>	<p>Push lock revolve urgent stop button; one off (one off one on)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a stop button, a stop button with a lock, and two start buttons with locks. The outline drawing shows a yellow rectangular switch with a length of 260mm, a width of 66mm, and a height of 57mm. The mounting bracket has a length of 120mm and a height of 14mm.</p>
 <p style="text-align: right;">COB-63K</p>	<p>Push lock revolve urgent stop button; one off (one off one on)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>The diagram shows a circuit schematic with a stop button, a stop button with a lock, and three start buttons with locks. The outline drawing shows a yellow rectangular switch with a length of 320mm, a width of 66mm, and a height of 57mm. The mounting bracket has a length of 120mm and a height of 14mm.</p>


防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-2Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 140, 66, 56.</p>
 <p style="text-align: right;">COB-3Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 199, 66, 58, 10.</p>
 <p style="text-align: right;">COB-5Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 260, 66, 58, 10.</p>
 <p style="text-align: right;">COB-7Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 320, 66, 58, 10.</p>
 <p style="text-align: right;">COB-61Y1S</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 199, 66, 58, 10.</p>


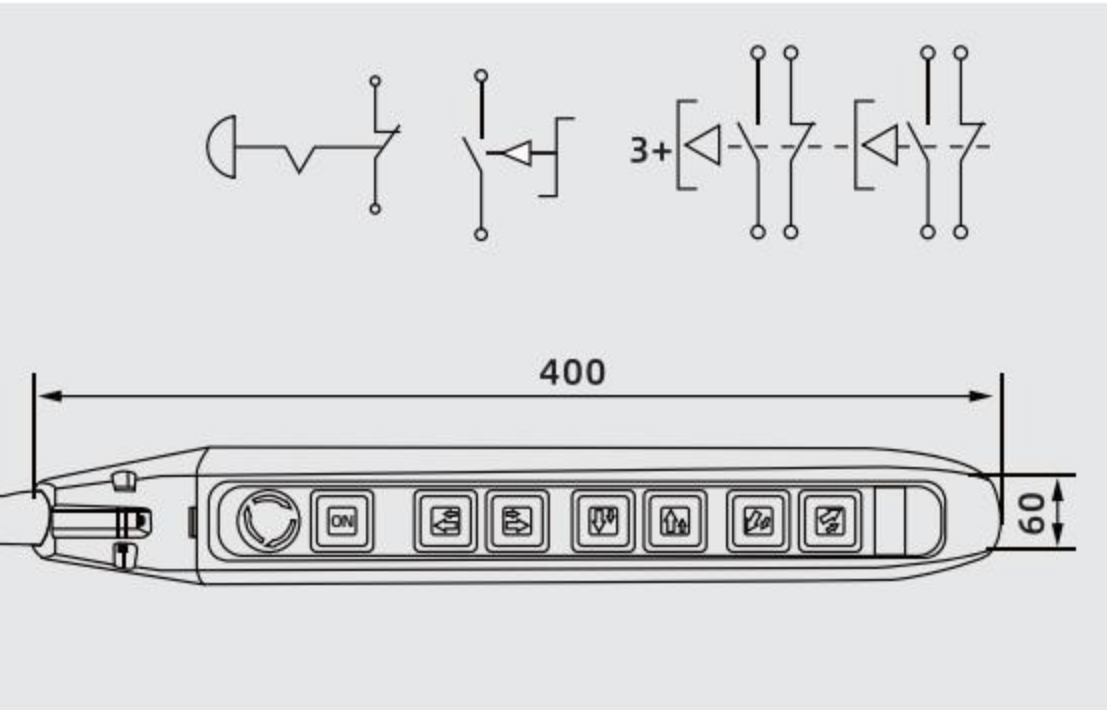

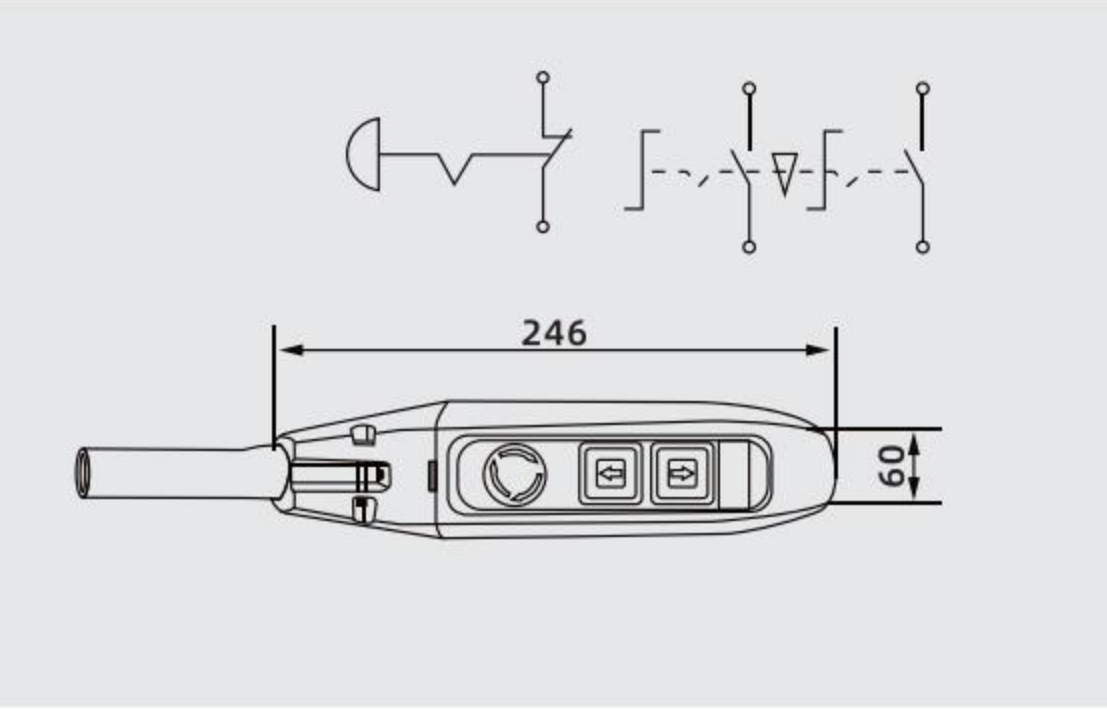

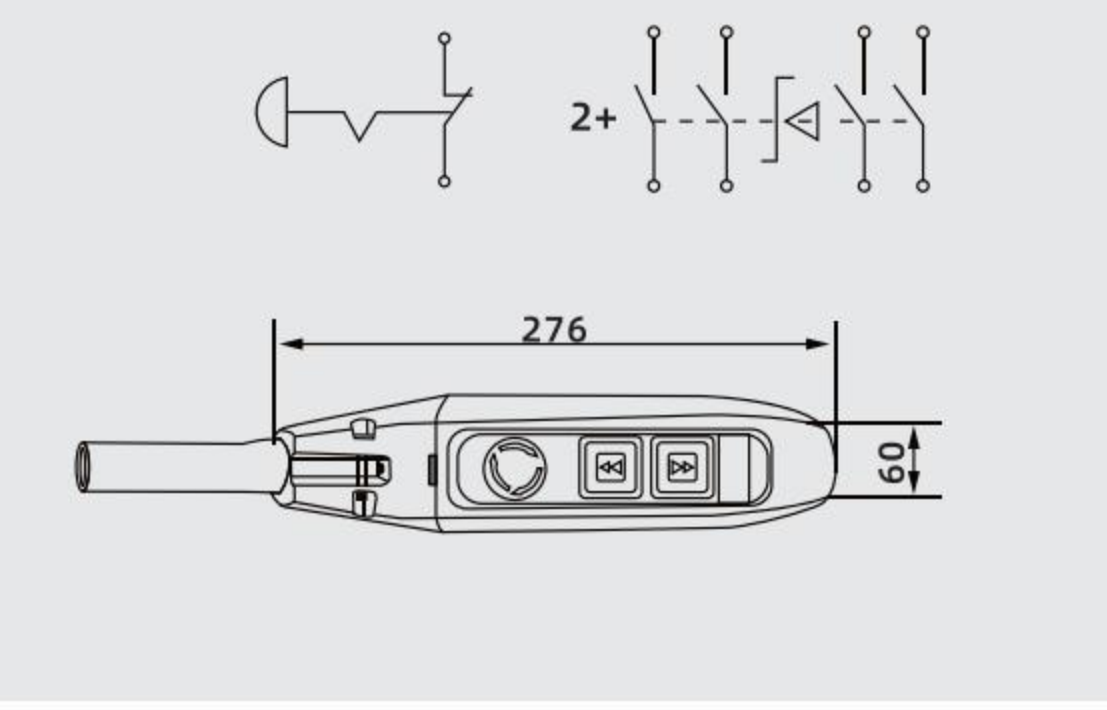

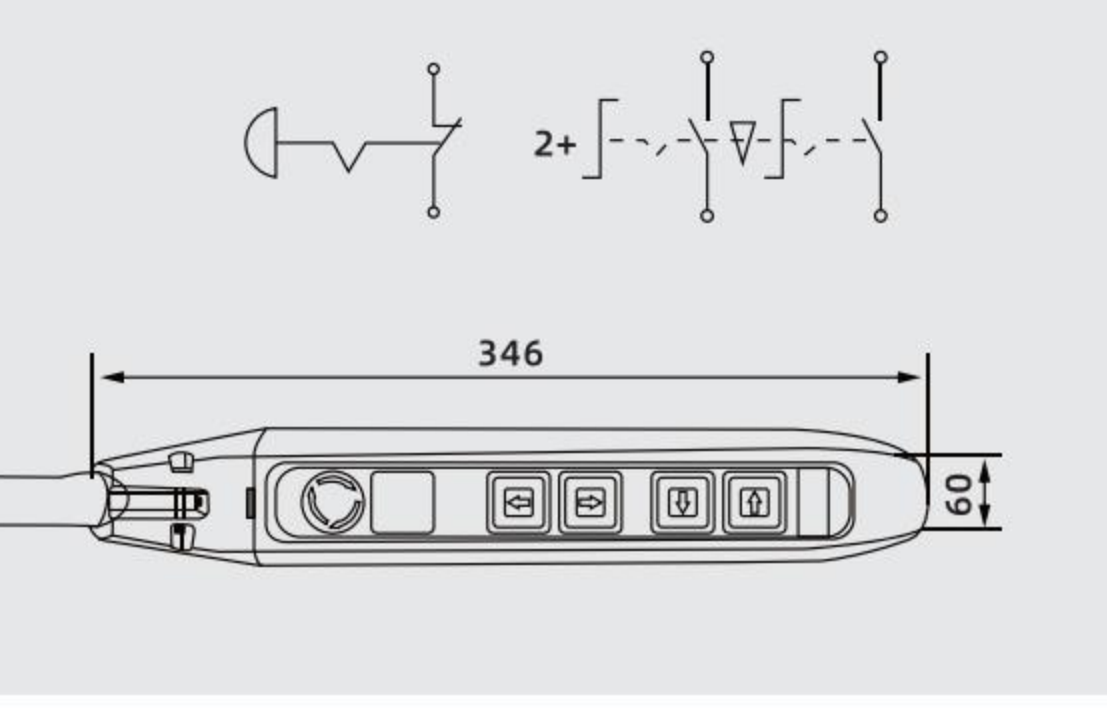

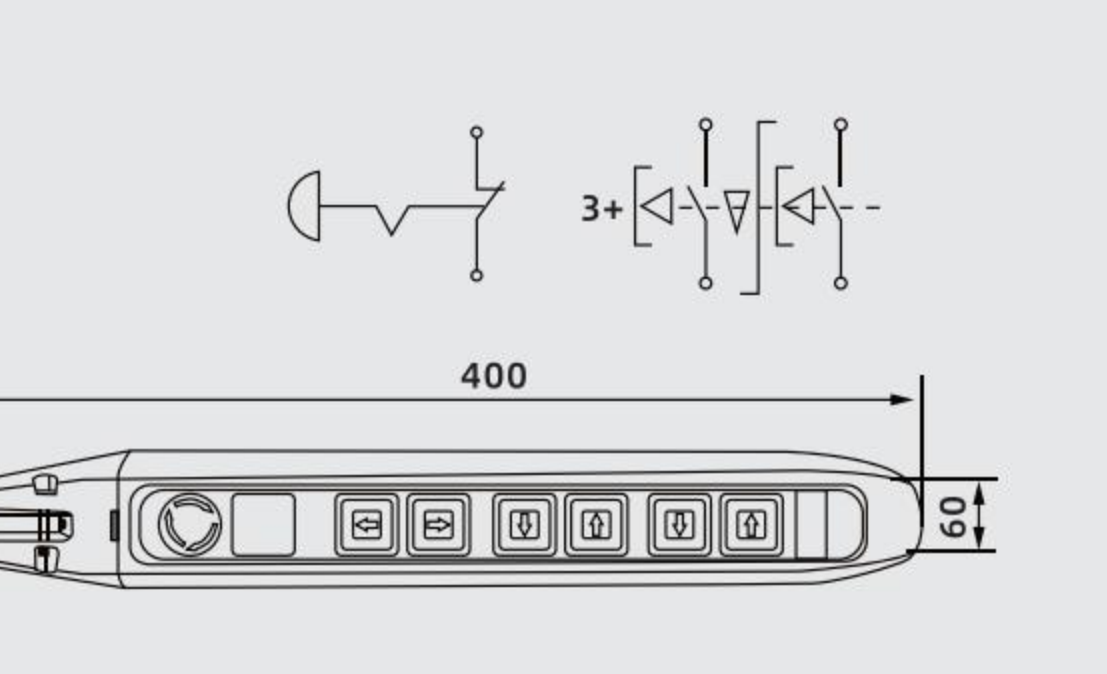
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 199, 66, 58, 10.</p>
 <p style="text-align: right;">COB-62Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 260, 66, 58, 10.</p>
 <p style="text-align: right;">COB-63Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 320, 66, 58, 10.</p>
 <p style="text-align: right;">COB-64Y</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 440, 66, 58, 10.</p>
 <p style="text-align: right;">COB-63Y3S</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V lth:2A AC-15 250V 5A</p>	 <p>Technical drawing showing circuit schematic and dimensions: 120, 320, 66, 58, 10.</p>


防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61F</p>	<p>推锁旋转急停按钮常闭 (一常闭一常开) Push the locking scram button, 1 NC (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>250 48</p>
 <p style="text-align: right;">COB-61F1S</p>	<p>推锁旋转急停按钮常闭 (一常闭一常开) Push the locking scram button, 1 NC (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>250 48</p>
 <p style="text-align: right;">COB-62F</p>	<p>两钮不联锁,自动复位 一钮常开,一钮常闭 (一常闭一常开) Two button interlocking automatic reset 1 NC+1NO (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>346 60</p>
 <p style="text-align: right;">COB-62F2S</p>	<p>两钮不联锁,自动复位 一钮常开,一钮常闭 (一常闭一常开) Two button interlocking automatic reset 1 NC+1NO (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>346 60</p>
 <p style="text-align: right;">COB-63F</p>	<p>旋钮自锁,二位 手动复位,两钮不联锁, 各钮一常开 (一常闭一常开)</p> <p>Knob self-locking Manual reset Two button interlocking 1 NC (NO+NC)</p>	 <p>400 60</p>

防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-63F3S</p>	<p>旋钮自锁,二位 手动复位,两钮不联锁, 各钮一常开 (一常闭一常开)</p> <p>Knob self-locking Manual reset Two button interlocking 1 NC (NO+NC)</p>	
 <p style="text-align: right;">COB-3F</p>	<p>推锁旋转急停按钮常闭 (一常闭一常开) Push the locking scram button, 1 NC (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-3F1S</p>	<p>两钮联锁,自动复位 各钮一常开 (一常闭-常开) Two button interlock, automatic reset 1 NC (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-5F</p>	<p>两钮不联锁,自动复位 一钮常开,一钮常闭 (一常闭一常开) Two button interlocking automatic reset 1 NC+1NO (NO+NC)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-7F</p>	<p>旋钮自锁,二位 手动复位,两钮不联锁, 各钮一常开 (一常闭一常开)</p> <p>Knob self-locking Manual reset Two button interlocking 1 NC (NO+NC)</p>	


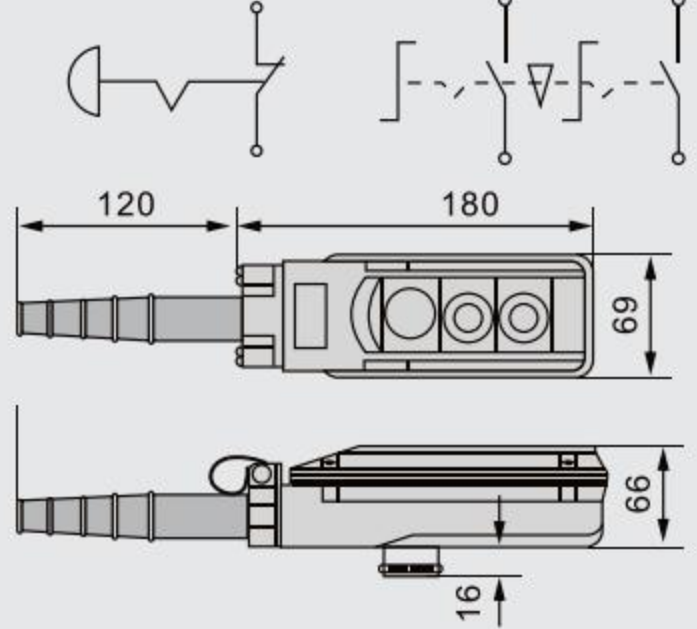

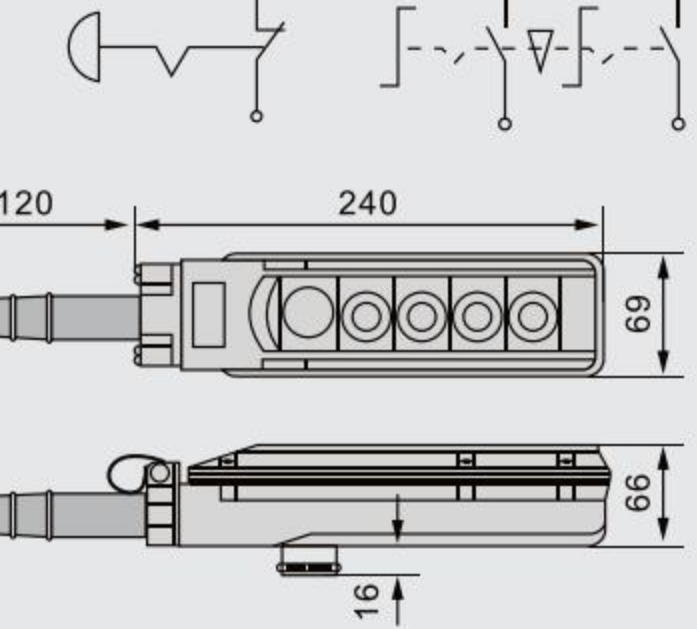

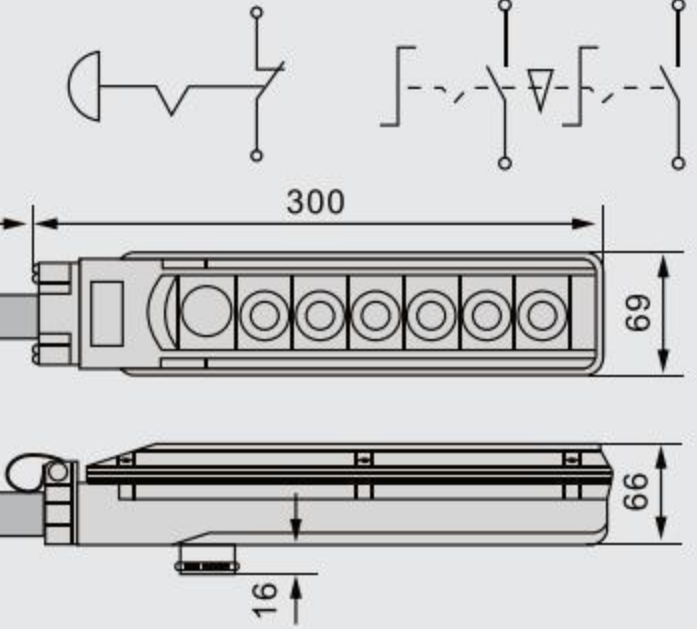

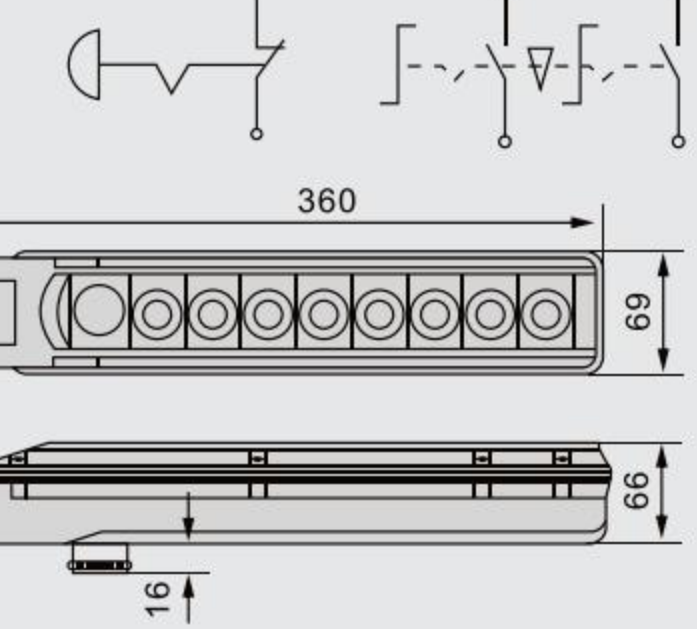

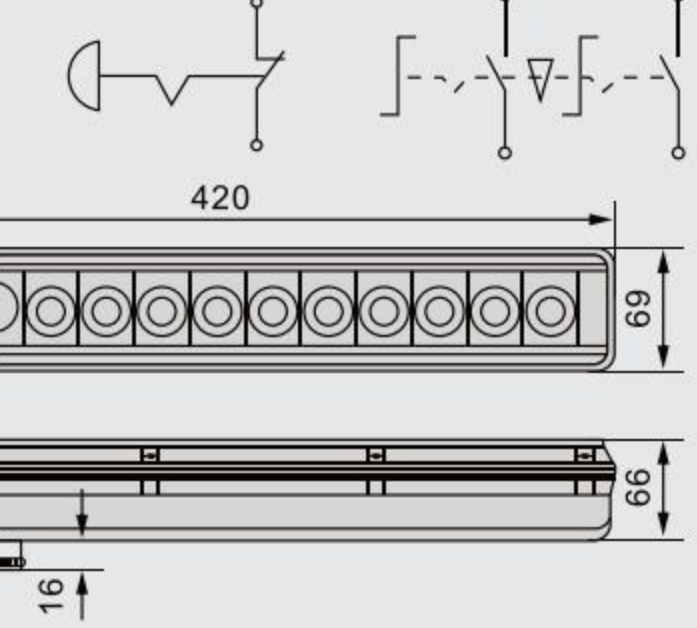
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p>COB-A271,A281,A291</p>	<p>For control of single-speed motor</p> <p>2 mechanically interlocked</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p> 
 <p>COB-A2713,A2813,A2913</p>	<p>2 mechanically interlocked</p> <p>+1 trigger action latching" Emergency stop"</p> <p>Φ30 mm operator ZA2-BS44</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p> 
 <p>COB-A471,A487,491</p>	<p>For control of single-speed motor</p> <p>4 mechanically interlocked between pairs</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p> 
 <p>COB-A4713,A4813,A4913</p>	<p>4 mechanically interlocked between pairs</p> <p>+1 trigger action latching" Emergency stop"</p> <p>Φ40 mm operator ZA2-BS44</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p> 


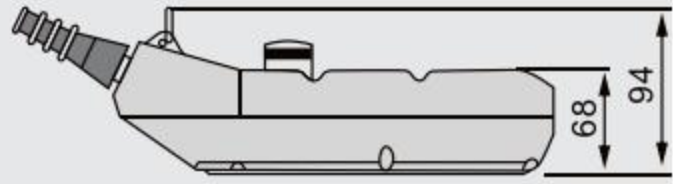
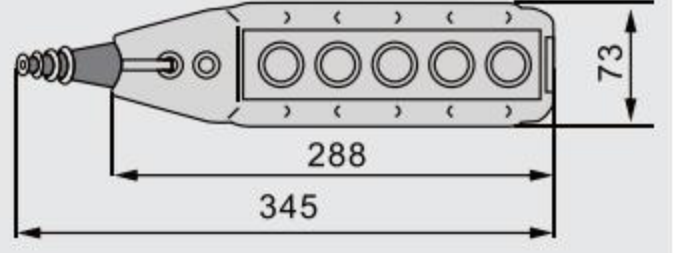

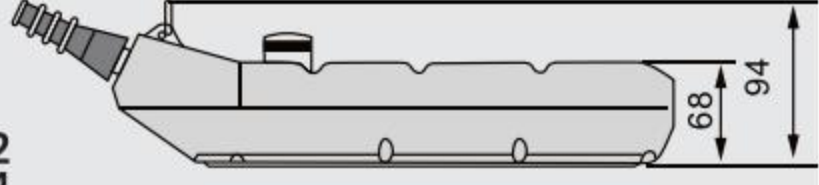
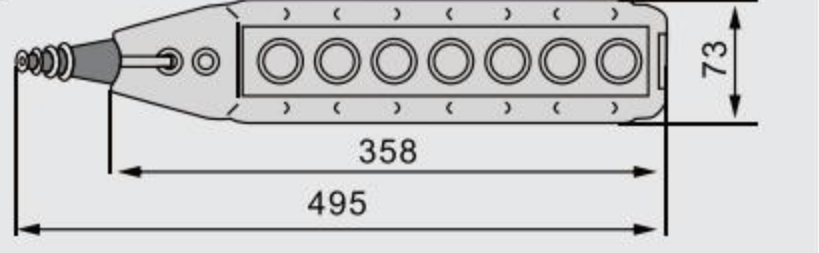

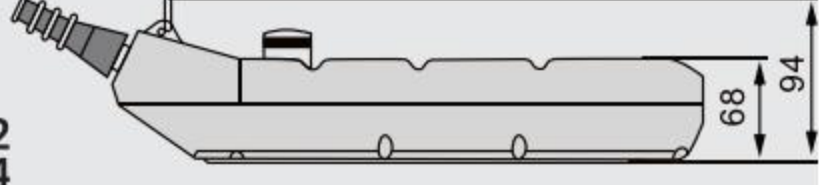
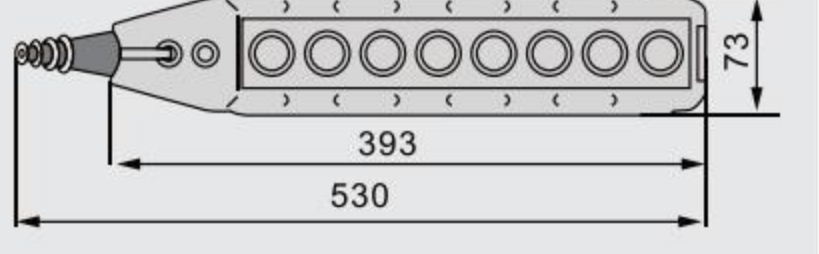
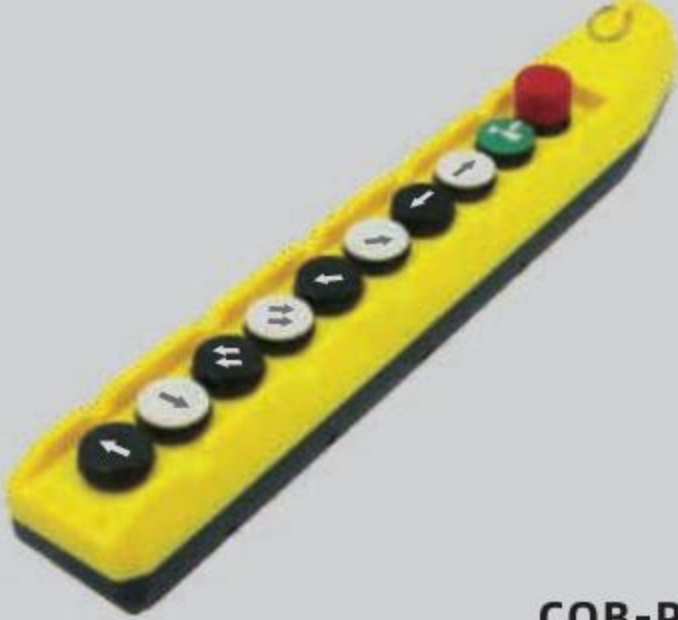
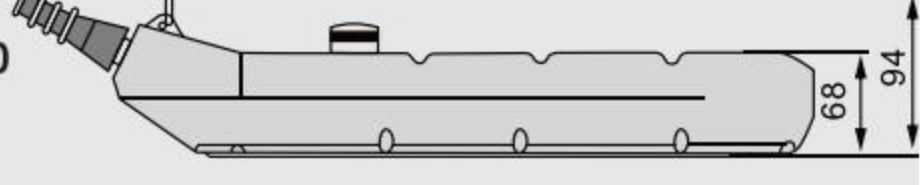
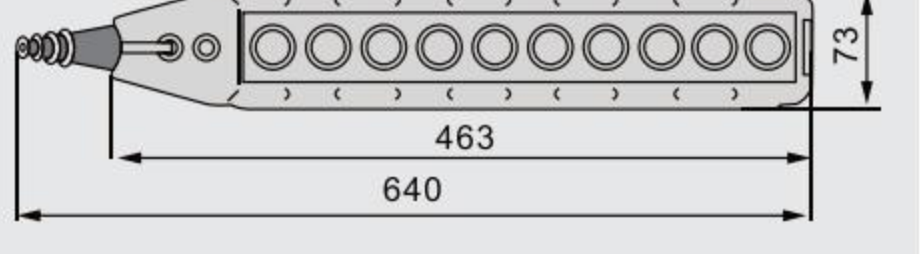
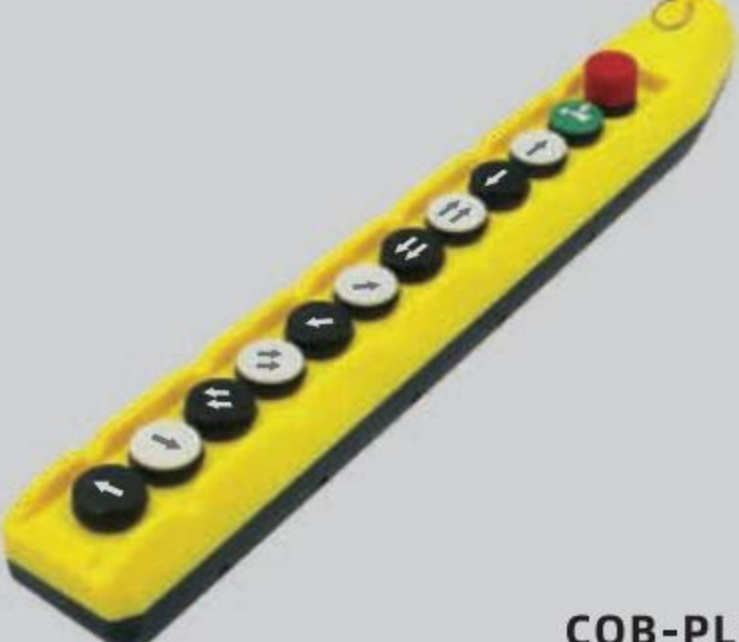
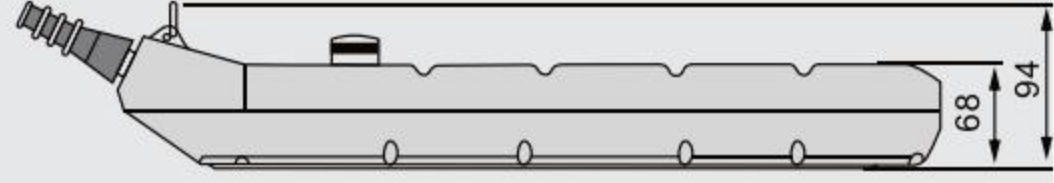
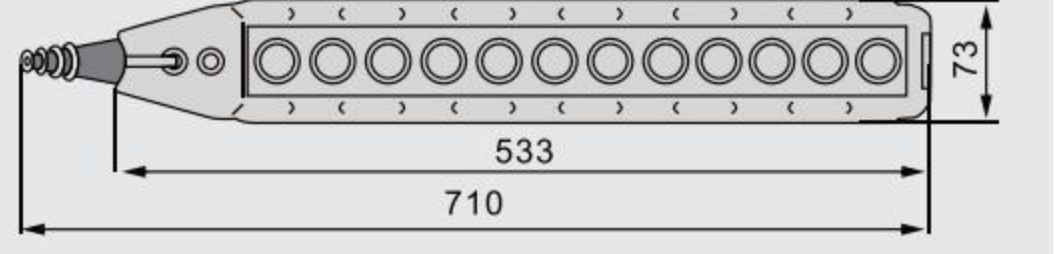
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing	
 <p>COB-A671,A681,A691</p>	<p>For control of single-speed motor</p> <p>6 mechanically interlocked between pairs</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p>	
 <p>COB-A6713,A6813,A6913</p>	<p>6 mechanically interlocked between pairs +1 trigger action latching 11 "Emergency stop" Φ 40 mm operator ZA2-BS44</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p>	
 <p>COB-A871,A887,891</p>	<p>For control of single-speed motor</p> <p>6 mechanically interlocked between pairs</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p>	
 <p>COB-A8713,A8813,A8913</p>	<p>6 mechanically interlocked between pairs + 1 trigger action latching "Emergency stop" Φ 40 mm operator ZA2-BS44</p>	<p>ZB2-B E101</p> <p>ZB2-BE102 + ZB2-BE101</p>	


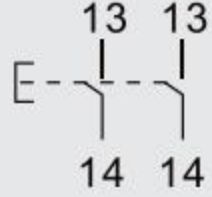
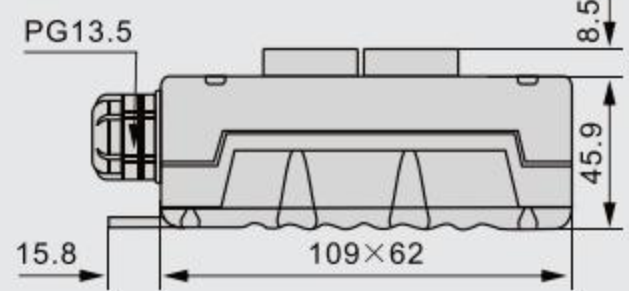

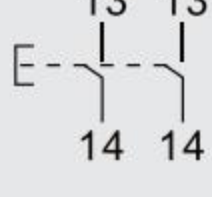
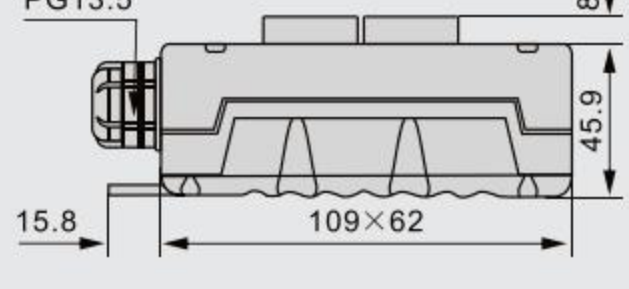


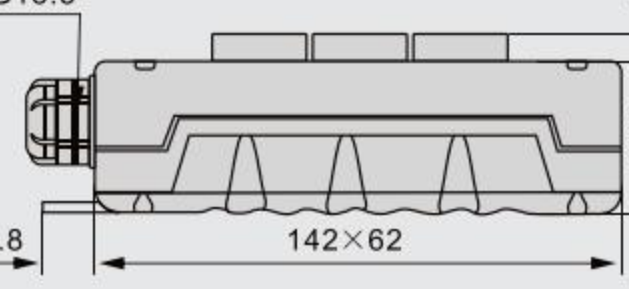

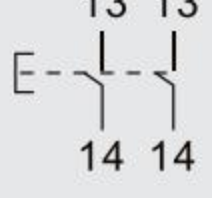
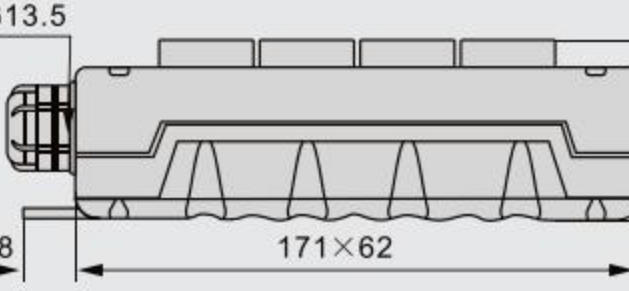


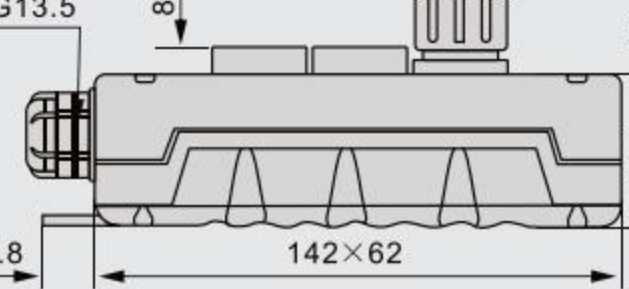


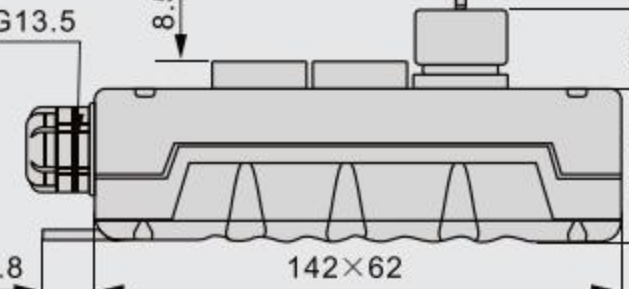
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-61C</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-61CT</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-62C</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-63C</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V~5A</p>	
 <p style="text-align: right;">COB-64C</p>	<p>Push lock revolve urgent stop button;one off (one off one on) Ui:500V Ith:2A AC-15 250V~5A</p>	


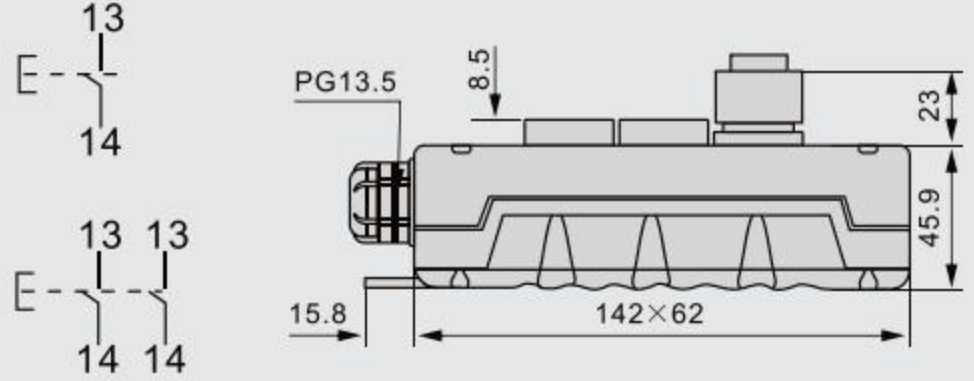

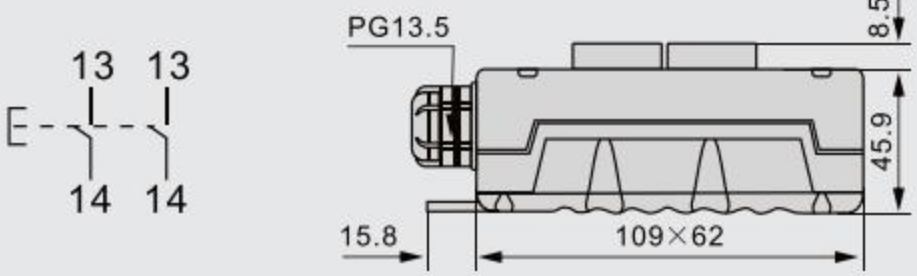

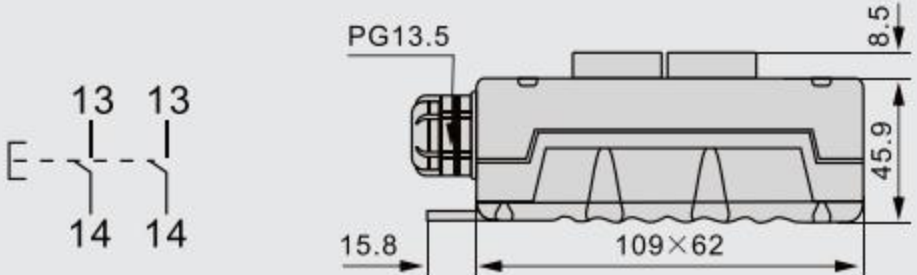

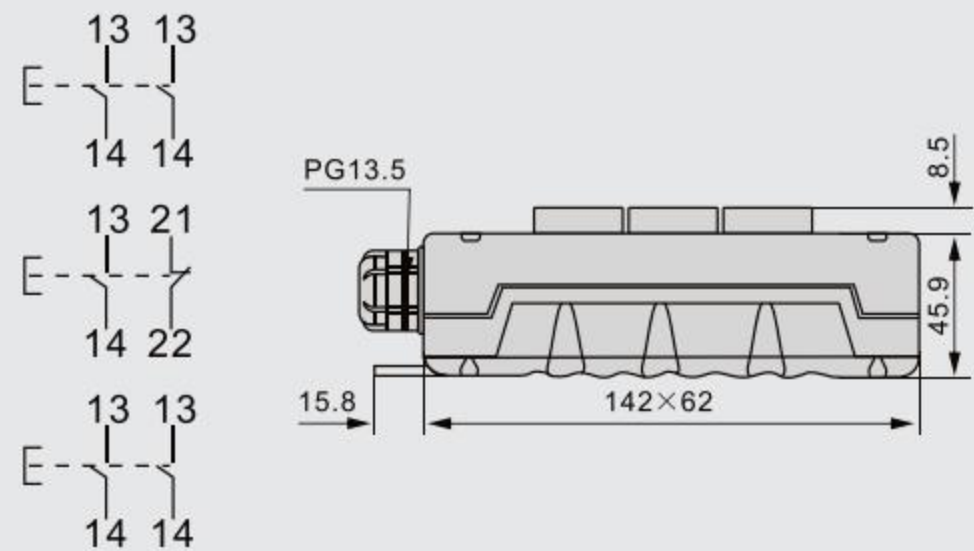

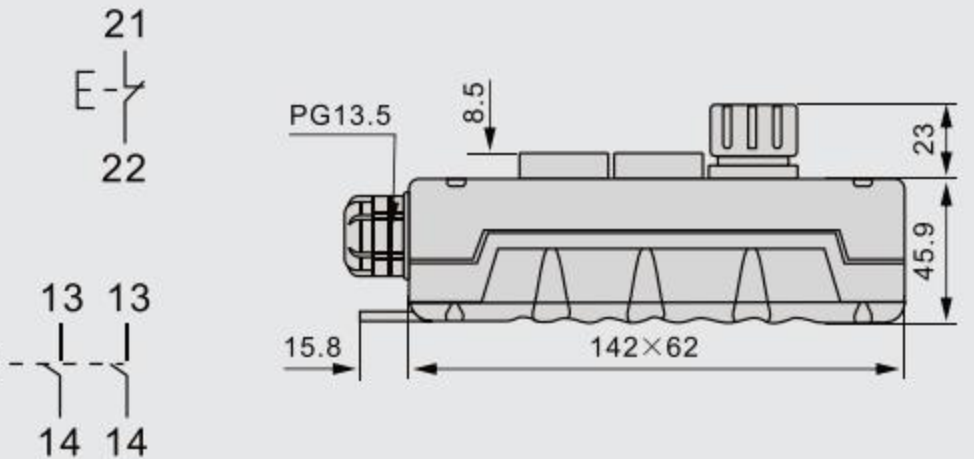

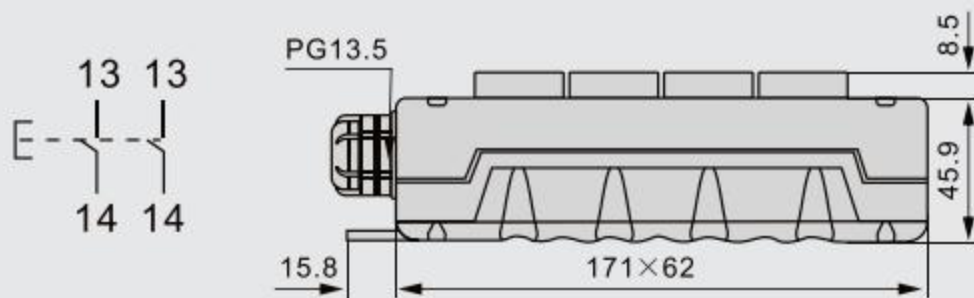
防雨型起重机用控制开关 Rainproof crane control switch

控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p style="text-align: right;">COB-PL05</p>	<p>Single- speed →</p> <p>4 mechanically interlocked between pairs +n° 1 emergency stop mushroom</p> <p>Φ30 turn to release</p> <p>Two-speed ▶▶</p> <p>4 mechanically interlocked between pairs +n°1 emergency stop mushroom</p> <p>Φ30 turn to release</p>	<p>COB-PL05</p>  <p>COB-PL05D2 COB-PL05D4</p> 
 <p style="text-align: right;">COB-PL07</p>	<p>Single- speed →</p> <p>6 mechanically interlocked between pairs +n° 1 emergency stop mushroom</p> <p>Φ30 turn to release</p> <p>Two-speed ▶▶</p> <p>6 mechanically interlocked between pairs +n°1 emergency stop mushroom</p> <p>Φ30 turn to release</p>	<p>COB-PL05</p>  <p>COB-PL07D2 COB-PL07D4 COB-PL07D6</p> 
 <p style="text-align: right;">COB-PL08</p>	<p>Single- speed →</p> <p>6 mechanically interlocked between pairs + 1 start/allarm +1 emergency stop mushroom Φ30 turn to release</p> <p>Two-s speed ▶▶</p> <p>6 mechanically interlocked between pairs +1 start/allarm + 1 emergency stop mushroom Φ30 turn to release</p>	<p>COB-PL08</p>  <p>COB-PL08D2 COB-PL08D4 COB-PL08D6</p> 
 <p style="text-align: right;">COB-PL10</p>	<p>Single- speed →</p> <p>8 mechanically interlocked between pairs +1 start/allarm +1 emergency stop mushroom Φ30 turn to release</p>	<p>COB-PL10</p>  
 <p style="text-align: right;">COB-PL12</p>	<p>Single- speed →</p> <p>10 mechanically interlocked between pairs +1 start/allarm +1 emergency stop mushroom Φ30 turn to release</p>	<p>COB-PL12</p>  


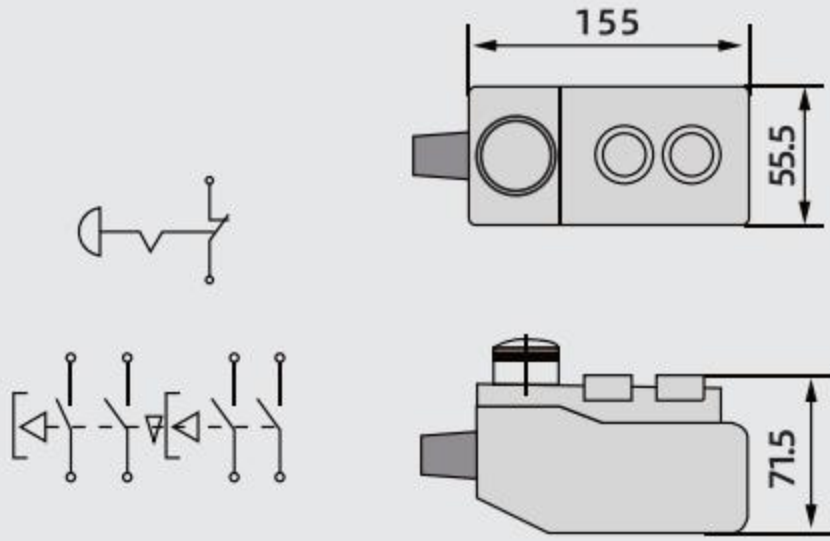

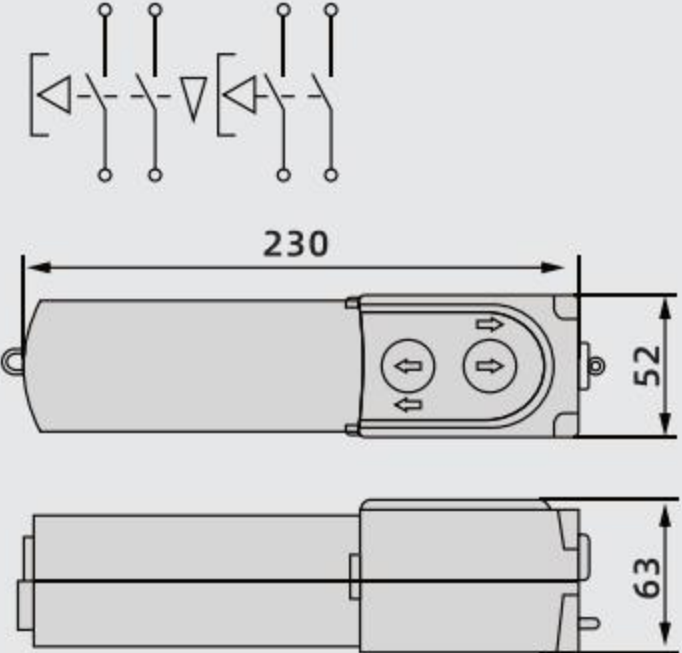

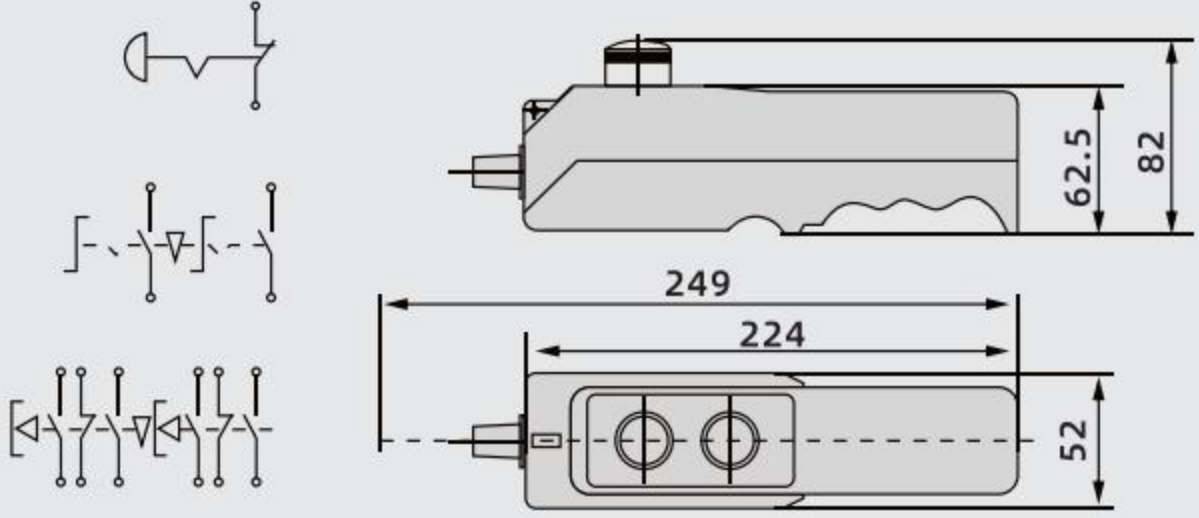

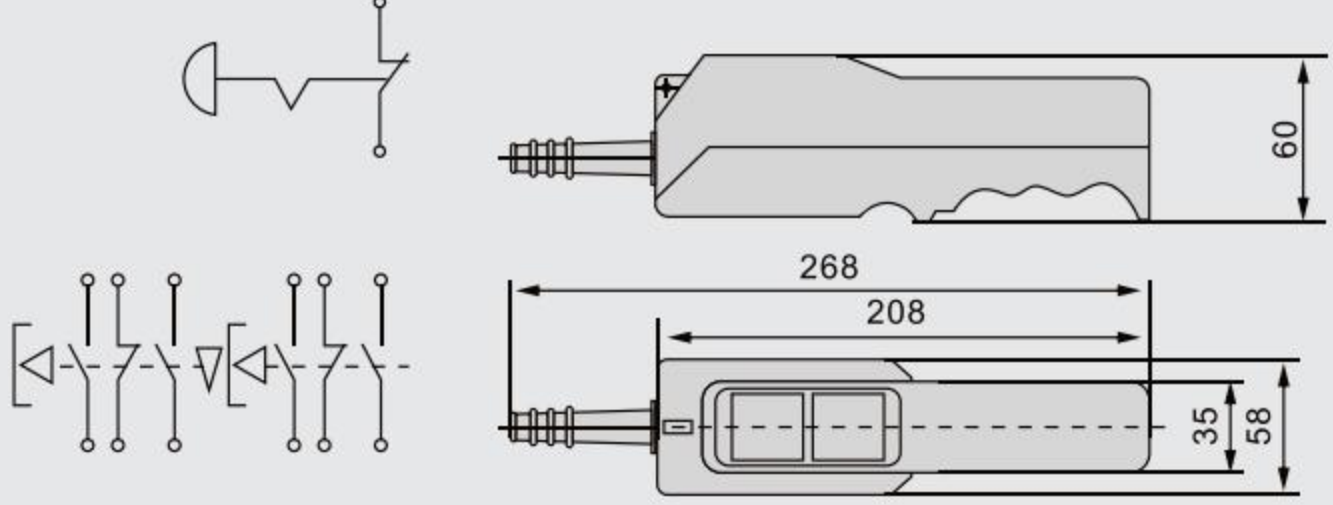

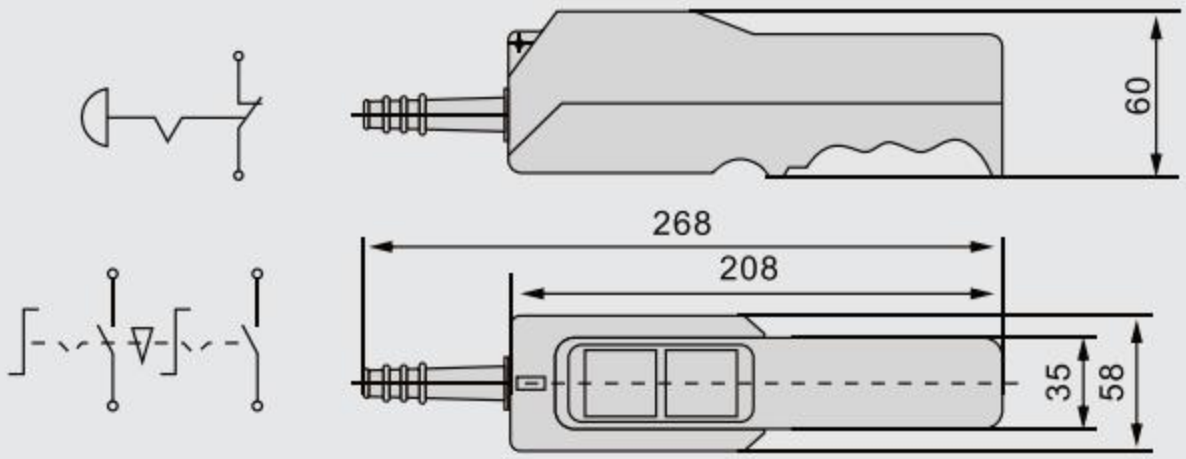
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 <p style="text-align: right;">T-1</p>	<p>2 holes spring return push button 1 flush balck 1 flush white IP 54</p> <p style="text-align: center;">$2 \times 2N/O$</p>	 
 <p style="text-align: right;">T-1S</p>	<p>带互锁装置 With interlock device</p> <p>2 holes spring return push button 1 flush balck 1 flush white IP54</p> <p style="text-align: center;">$2 \times 2N/O$</p>	 
 <p style="text-align: right;">T-2</p>	<p>3 holes spring return push button 2 flush balck 1 flush white IP54</p> <p style="text-align: center;">$2N/O$ + $N/O+N/C$ + $2NO$</p>	 
 <p style="text-align: right;">T-3</p>	<p>4 holes spring return push button 1 flush balck 1 flush white 1 flush balck 1 flush white IP54</p> <p style="text-align: center;">$4 \times 2N/O$</p>	 
 <p style="text-align: right;">T-2M</p>	<p>3 holes control box 1 black spring return button 1 white spring return button 1 red emergency button turn to release IP54</p> <p style="text-align: center;">N/C $2 \times 2N/O$</p>	 
 <p style="text-align: right;">T-2S</p>	<p>3 holes control box 1 black spring return button 1 white spring return button 1 red key mushroom button return to center IP54</p> <p style="text-align: center;">N/C $2 \times 2N/O$</p>	 


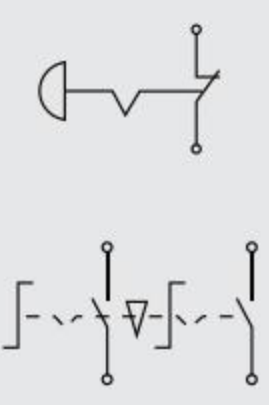
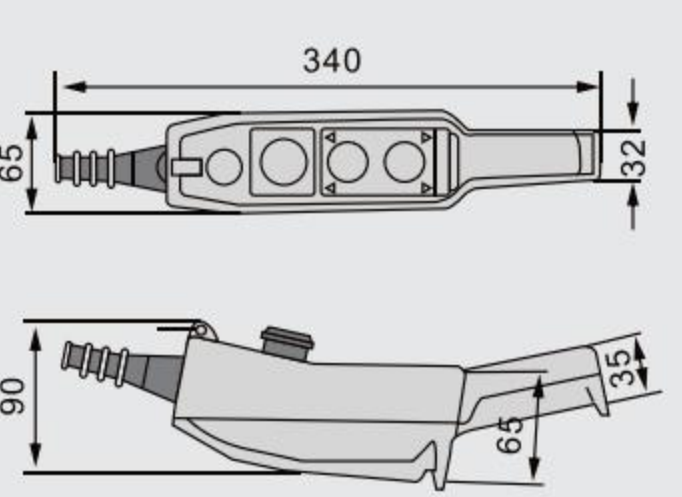


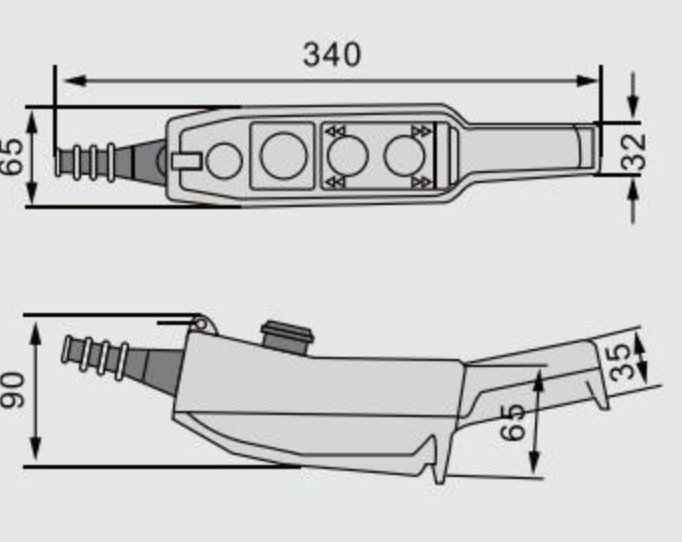

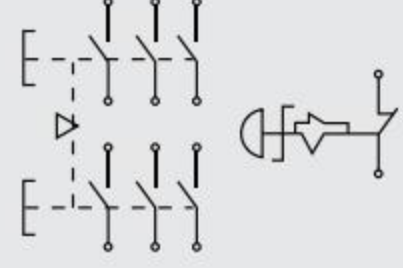
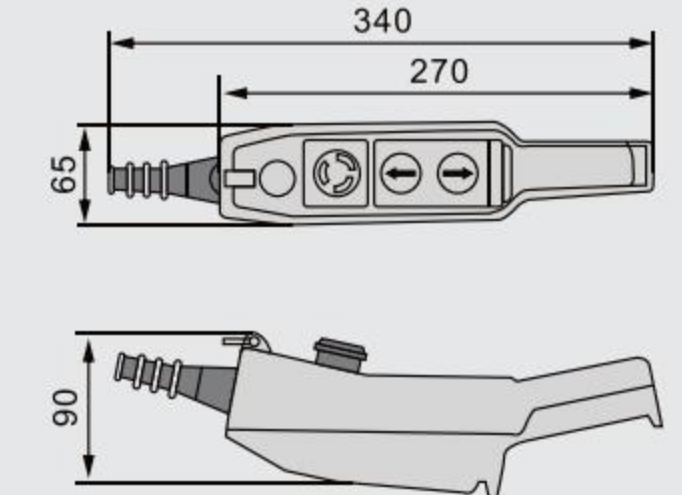

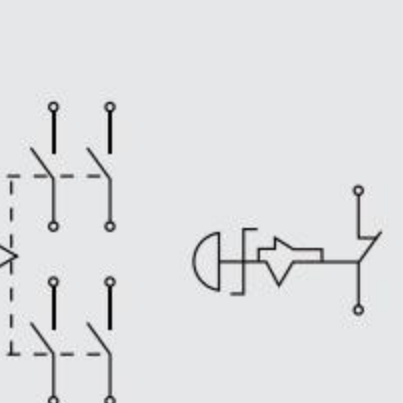
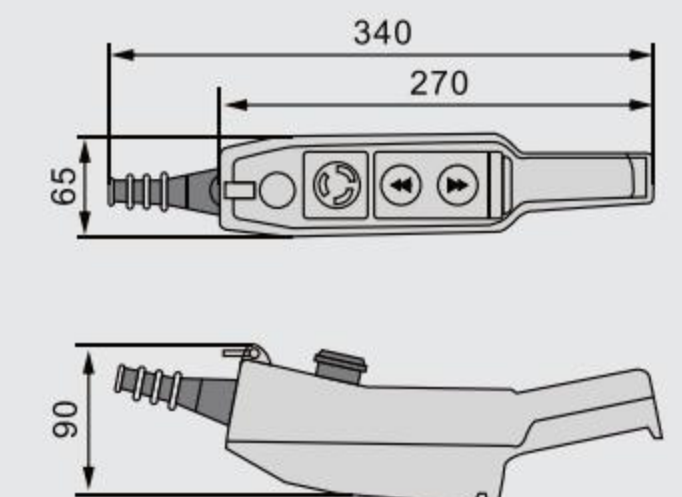



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控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing
 <p>T-2K</p>	<p>3 holes control box 1 black button 1 white spring return button 1 black selector switch return to center IP54</p> <p>NO + 2×2N/O</p>	 <p>The schematic shows two normally open (NO) contacts. The first contact is connected between terminals 13 and 14. The second contact is connected between terminals 13 and 14. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 142x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>
 <p>T-1W</p>	<p>2 holes spring return push button 1 flush black 1 flush white IP54</p> <p>2×2N/O</p>	 <p>The schematic shows two normally open (NO) contacts. The first contact is connected between terminals 13 and 14. The second contact is connected between terminals 13 and 14. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 109x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>
 <p>T-1WP</p>	<p>3 holes spring return push button 2 flush black 1 flush white IP54</p> <p>2×2N/O</p>	 <p>The schematic shows two normally open (NO) contacts. The first contact is connected between terminals 13 and 14. The second contact is connected between terminals 13 and 14. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 109x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>
 <p>T-2W</p>	<p>3 holes spring return push button 2 flush black 1 flush white IP54</p> <p>2N/O + N/O+N/C + 2NO</p>	 <p>The schematic shows three contacts: two normally open (NO) contacts between terminals 13-14 and 13-14, and one normally open/normally closed (N/O+N/C) contact between terminals 13 and 21. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 142x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>
 <p>T-2B</p>	<p>3 holes control box 1 black spring return button 1 white spring return button 1 red emergency button turn to release IP54</p> <p>N/C + 2×2N/O</p>	 <p>The schematic shows one normally closed (N/C) contact between terminals 21 and 22, and two normally open (NO) contacts between terminals 13-14 and 13-14. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 142x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>
 <p>T-3W</p>	<p>4 holes spring return push button 1 flush black 1 flush white 1 flush black 1 flush white IP54</p> <p>4×2N/O</p>	 <p>The schematic shows four normally open (NO) contacts. The first two are connected between terminals 13 and 14. The second two are connected between terminals 13 and 14. The outline drawing shows a yellow rectangular control box with a PG13.5 connector on the left. Dimensions: 171x62mm, 45.9mm height, 8.5mm button height, 15.8mm mounting hole offset.</p>

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	<p>两钮联锁，自动复位，各有三对同时动合的常开触头 2 phase direct contact switch, spring return three group normal open contact operate together</p> <p>Ui:500V Ith:2.2KW AC-15 250V 2.2KW</p>	
 <p style="text-align: right;">COP-21R</p>	<p>带电容防雨型按钮，两钮联锁，自动复位 Push lock revolve with capacitor, two ON button, 1 6uf, 30uf, 40uf, 50uf others according to customer's requireent</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	
 <p style="text-align: right;">COB-61DRH</p>	<p>带电容 With capacitance For single-speed motor control</p> <p>Provision for capacitor 45x90 max No.1 emergency stop ϕ30 turn to release No.1 two way and off switch with spring return auxiliary 16A-250VAC 1/2 HP</p>	
 <p style="text-align: right;">XAC-215</p>	<p>For two-speed motor control</p> <p>No.2 push buttons with NO contact</p>	
 <p style="text-align: right;">XAC-205</p>	<p>For single-speed motor control</p> <p>No.2 push buttons with 1 NO contact No.2 push buttons with 2 NO contact No.2 pushbuttons with 1NO+1NC contact</p>	

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控制开关 Control switch	技术参数 Technical parameter	电路原理图与外形尺寸图 Circuit Schematic and Outline Drawing	
 <p>TY-3A</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位</p> <p>Push lock revolve urgent stopbutton;one off (one off three on)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>ZB2-BE101</p>	
 <p>TY-3A</p>	<p>推锁旋转紧急停止按钮， 两钮联锁，自动复位</p> <p>Push lock revolve urgent stopbutton;one off (one off three on)</p> <p>Ui:500V Ith:2A AC-15 250V 5A</p>	 <p>XEN-G1191</p>	
 <p>XAC-P03</p>	<p>For single speed motor control n° 1 emergency stop EN ISO13850 mushromm ϕ30 Turn to release with:</p> <p>n° 2 push buttons with 1NO contact</p> <p>n° 2 push buttons with 2NO contact</p> <p>n° 2 push buttons with 3NO contact</p>	 <p>XAC-P03.1</p> <p>XAC-P03.2</p> <p>XAC-P03.3</p>	
 <p>XAC-P03D2</p>	<p>For 1kW single-phase motor control n° 1 emergency stop EN ISO13850 mushromm ϕ30</p> <p>n° 2 push buttons with 2NO+1NC contact</p>	 <p>XAC-P03CD</p>	
 <p>XAC-P03D2</p>	<p>For double speed motor control n° 1 emergency stop EN ISO13850 mushromm ϕ30 Turn to release with:</p> <p>n° 2 push buttons with 2NO contact</p>	 <p>XAC-P03D2</p>	



TY-01



TY-02



TY-03



TY-04



TY-05



TY-06



TY-07



TY-S



S1



S1-D



S2



TY-09



Cable sleeve



Interlock



TY-08



TY-Y(带锁装置)



Cable clamp lever



Coupling plate 2 holes



COB-31芯子



COP-21R芯子



COP-21芯子



COP-213芯子



COB-31双速芯子



BS315



BS211B



BS216B



BS230B

