

## LPCBL104K11PB4 KIT PLASTIC ILLUMINATED BUTTON ACTUATOR, SPRING RETURN, FLUSH, RED WITH MOUNTING ADAPTER AND 2 CONTACT ELEMENTS, 1NO+1NC. SCREW TERMINATION. LED INTEGRATED LAMP-HOLDER, STEADY LIGHT, 12...30VAC/DC



Product type designation Product type designa	Product designation				Illuminated button actuators, spring return - Flush
Calour         Red           Type of positions         Prolyamide           Retail         Prolyamide           EC degree of protection         Prolyamide           Elected characteristics         Retail insidion voltage UIECEN         V           Elected characteristics         X         10           Supply voltage (CP)         V         1230           Conductivity         V         1230           Supply voltage (CP)         V         1230           Conductivity         X         6           Supply voltage (CP)         V         1230           Conductivity         X         6           Quereating ourrent AC15         12V         A           12V         A         6           24V         A         6           24V         A         6           24V         A         6           240V         A         13           480V         A         1.2           2000         A         1.2           24V         A         3           440V         A         1.5           500V         A         1.2           000001         1.4 <th>Product type designation</th> <th></th> <th></th> <th></th> <th>LPCBL104+LPXAU12</th>	Product type designation				LPCBL104+LPXAU12
Type of positions         Fluk pushbulton           High quark definition         Produce of protection         Produce of protection           High quark definition         Produce of protection         Produce of protection           Rated insulation voltage ULIC/EN         V         680           EC Conventional fread it themal current lith         A         10           Supply voltage (AC)         V         1230           Supply voltage (AC)         V         1230           Conductivity         Inv 5V         UCS3 and IEC/EN 60947-5-1 designation           Operating current AC15         12V         A           120V         A         6           24W         A         1.5           5000V         A         1.4           600V         A         1.2           Operating current DC13         12V         A         3           24W         A         3         24W         A         3           2500V         A         0.55         250V         A         0.27					Ded
Material         Polyamide           EC degree of protection         PP68, IP67 and IP68           Electrical (characteristics)         V           Electrical (characteristics)         V           EC convertional free air hermal current th         A           Supply voltage (DC)         V         1230           Conductivity         V         1230           Supply voltage (DC)         A         6           Conductivity         A         6           UL/CSA and IEC/EN 60947-5-1 designation         A800 Q600           Operating current AC15         12V         A           UL/CSA and IEC/EN 60947-5-1 designation         A         6           QUV         A         6         40V           QUV         A         6         40V           QUV         A         6         40V           QUV         A         19         400V           QUV         A         12         24V           QU					
IEC degree of protection IEC degree of protection IEC degree of protection Rated insulation voltage UEC/EN V Rated insulation voltage UEC/EN V V V V V V V V V V V V V V V V V V V					
Electrical characteristics         V         680           EC Conventional free air thermal current th         V         12           EC Conventional free air thermal current th         V         12           Supply voltage (CC)         V         12           Conventional free air thermal current th         V         12           Supply voltage (CC)         V         12         30           Conventional free air thermal current th         A         6           Supply voltage (CC)         A         6           Operating current AC15         12V         A         6           24V         A         6         48V         A           24V         A         6         24V         A         6           24V         A         6         24V         A         6           24V         A         6         24V         A         6           24V         A         15         24V         A         6           240V         A         12         A         12         A         12           Operating current DC13         12V         A         03         24V         A         05           240V         A </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Rated involtage ULICCEN         V         690           EC conventional fire all itemal current lth         A         10           Supply voltage (AC)         V         1230           Supply voltage (AC)         V         1230           Conductivity         InAS V           ULICSA and IEC/EN 60947.5-1 designation         A         6           Quertified outrient AC15         12V         A         15           Quertified outrient AC15         12V         A         8           Quertified outrient AC15         12V         A         15           Quertified outrient AC15         12V         A         15           Quertified outrient AC15         12V         A         16					1P00, IP07 and IP09K
EC Conventional free air hermal current lin         A         10           Supply voltage (AC)         V         1230           Supply voltage (CC)         V         1230           Conductivity         mA & EV           UL/CSA and IEC/EN 80847-5-1 designation         A600 0600           Operating current AC15         12V         A           122V         A         6           24V         A         6           24V         A         6           24V         A         6           24V         A         6           240V         A         1.9           480V         A         1.5           500V         A         1.4           600V         A         1.2           Contact resistance         mC         220           250V         A         0.55           260V         A         0.1           Contact resistance         mC         220           Operating force         mC         220           Operations         Screw         Screw           Contact resistance         mm <sup>2</sup> 1.00000           Electrical Ife         hours         100000				V	690
Supply voltage (AC)         V         1230           Conductivity         1mA 5V           Conductivity         1mA 5V           Depressing current AC15         12V         A           12V         A         6           24V         A         12           24V         A         15           500V         A         1.2           Operating current DC13         12V         A           12V         A         3           24V         A         3           24V         A         0.5           250V         A         0.55           260V         A         0.1           200         Centact resistance         cycles         10					
Supply voltage (DC)         V         1230           Conductivity         mA 5V           UL/CSA and IE/CEN 80847-5-1 designation         A600 0600           Operating current AC15         12V         A           12V         A         6           24V         A         6           240V         A         3           480V         A         1.5           500V         A         1.4           600V         A         1.5           125V         A         3           24V         A         3           48V         A         1.5           125V         A         0.55           260V         A         0.1           Contact resistance         mC         120           00000         A         0.1           Contact resistance         mC         500000           Deprating force					
Conductivity         1mA 5V           UCSA on diffective NOM2-5-1 designation         A600 0600           Operating current AC15         12V         A         6           24V         A         6         44V         A         6           120V         A         6         24V         A         6           240V         A         3         400V         A         1.9           480V         A         1.5         500V         A         1.2           Dperating current DC13         12V         A         3         44V         A         5           250V         A         0.27         250V         A         0.15         50V         A         0.13           Contact resistance         mO         s20         A         0.13         600V         A         0.13           Contact resistance         mO         s220         1000000         6         1000000         6         10000					
ULCSA and IEC/EN 60947-5-1 designation         A600 0600           Operating current AC15         12V         A         6           24V         A         6         48V         A         6           24V         A         6         24V         A         6           24V         A         13         40V         A         14           000V         A         1.4         600V         A         1.5           000V         A         1.2         A         3         24V         A         3           24V         A         3         24V         A         3         24V         A         0.55           1250V         A         0.55         250V         A         0.15         500V         A         0.1           Contact resistance         workensity         workensity         100000         Electrical life         hours         100000           Electrical life         spo				v	
Operating current AC15         12V         A         6           12V         A         6         14V         A         6           12V         A         6         12V         A         6           12V         A         6         12V         A         6           12V         A         6         12V         A         6           12V         A         3         12V         A         6           12V         A         3         13         40V         A         1.5           500V         A         1.2         A         3         12V         A         3           42V         A         3         12V         A         3         12V         A         3           42V         A         3         12V         A         3         12V         A         3           24V         A         3         12V         A         3         12V         A         3           24V         A         3         15         15         100         100         1000         10000         10000         100000         100000         100000         1000000		7 E 1 designation			
12V     A     6       12V     A     19       400V     A     19       400V     A     19       400V     A     12       500V     A     1.5       500V     A     1.2       0perating current DC13		-5-1 designation			A600 Q600
24V       A       6         120V       A       6         120V       A       6         240V       A       3         240V       A       3         240V       A       3         240V       A       3         240V       A       1.9         480V       A       1.9         480V       A       1.2         500V       A       1.2         00Perating current DC13       12V       A       3         24V       A       3       340V       A       1.5         125V       A       0.55       250V       A       0.27         240V       A       0.13       600V       A       0.13         600V       A       0.13       600V       A       0.13         500V0       A       0.13       100000       100000         20 peration force       kg-le	Operating current AC15		10)/	•	0
$ \begin{array}{c c c c c c } & 48V & A & 6\\ & 240V & A & 3\\ & 240V & A & 1.9\\ & 480V & A & 1.5\\ & 500V & A & 1.2\\ & 700V & A & 1.2\\ & 700V & A & 3\\ & 24V & A & 3\\ & 28V & A & 0.55\\ & 125V & A & 0.55\\ & 500V & A & 0.15\\ & 500V & A & 0.15\\ & 500V & A & 0.15\\ & 500V & A & 0.13\\ \hline \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ \\ & 600V & A & 0.13\\ \hline \\ \\ \\ & 700000 & -20\\ \hline \\ \\ \\ \\ & 700000 & -20\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$					
$ \begin{array}{c c c c c c } & 120V & A & 6 \\ & 240V & A & 3 \\ & 240V & A & 1.9 \\ & 480V & A & 1.5 \\ & 500V & A & 1.4 \\ & 600V & A & 1.4 \\ & 600V & A & 1.2 \\ \hline & 600V & A & 3 \\ & 48V & A & 1.5 \\ & 128V & A & 0.55 \\ & 128V & A & 0.55 \\ & 128V & A & 0.55 \\ \hline & 128V & A & 0.55 \\ \hline & 128V & A & 0.55 \\ \hline & 128V & A & 0.13 \\ \hline & 600V & A & 0.15 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.11 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.13 \\ \hline & 600V & A & 0.11 \\ \hline & 600V & A & 0.13 \\ \hline & 700V & 70V \\ \hline & 700$					
240V         A         3           400V         A         1.9           400V         A         1.5           500V         A         1.2           Dperating current DC13         12V         A         3           12V         A         3         400V         A         1.2           Dperating current DC13         12V         A         3         44V         A         1.5           12V         A         3         44V         A         1.5         500V         A         0.55           250V         A         0.55         250V         A         0.13         600V         A         0.1           Contact resistance         mQ         \$20         20         20         20         20           Operating force         kg-bb         <0.5Kg / 1.1b					
$ \begin{array}{c c c c c c c } & 400 & A & 1.9 \\ & 480 & A & 1.5 \\ & 500 & A & 1.4 \\ & 600 & A & 1.2 \\ \hline \\ & 600 & A & 1.2 \\ \hline \\ & 600 & A & 1.2 \\ \hline \\ & 600 & A & 1.5 \\ & 12V & A & 3 \\ & 24V & A & 3 \\ & 24V & A & 1.5 \\ & 12SV & A & 0.55 \\ \hline \\ & 12SV & A & 0.55 \\ \hline \\ & 12SV & A & 0.13 \\ \hline \\ & 600 & A & 0.13 \\ \hline \\ & 700 & C & 120 $					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					
500V         A         1.4           600V         A         1.2           Operating current DC13         12V         A         3           12V         A         3         48V         A         1.5           12V         A         3         48V         A         1.5           12V         A         0.55         125V         A         0.55           250V         A         0.27         440V         A         0.15           500V         A         0.13         600V         A         0.1           Contact resistance         mQ         s20         Operations         100000         Electrical life         hours         100000         Electrical life         s21         00000         Electrical life         s21         00000         Electrical life         s21         000000         Electrical life         s21         000000         Electrical life         s21         000000         Electrical life         s21         5000000         Electrical life         s21         5000000         Electrical life         s21         S000000         Electrical life         s21         S000000         S000000         S000000         S000000         S000000         S00000					
$\begin{tabular}{ c c c c } \hline & & & & & & & & & & & & & & & & & & $					
Operating current DC13         12V         A         3           12V         A         3         48V         A         1.5           125V         A         0.55         250V         A         0.27           440V         A         0.13         600V         A         0.13           Contact resistance         mQ         ≤20         Operations           Electrical life         hours         100000           Mechanical features         cycles         100000           Deprating force         kg·lb         <0.5Kg / 1.1lb					
$\begin{tabular}{ c c c c } & 12V & A & 3 \\ & 24V & A & 3 \\ & 24V & A & 3 \\ & 44V & A & 1.5 \\ & 125V & A & 0.55 \\ & 250V & A & 0.27 \\ & 440V & A & 0.15 \\ & 500V & A & 0.13 \\ & 600V & A & 0.13 \\ \hline & 600V & A & 0.15 \\ \hline & 600V & A & 0.13 \\ \hline & 60V & A & 0.12 \\ \hline & 60V & A & 0.13 \\$			600V	A	1.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Operating current DC13				
$\begin{array}{c c c c c c c } & 48V & A & 1.5 \\ 125V & A & 0.55 \\ 250V & A & 0.12 \\ 440V & A & 0.15 \\ 500V & A & 0.13 \\ 600V & A & 0.13 \\ 600V & A & 0.13 \\ 600V & A & 0.11 \\ \hline \end{array}$					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					
$ \begin{array}{c c c c c c c } & 440 & A & 0.15 \\ 500 & A & 0.13 \\ \hline 500 & A & 0.13 \\ \hline 600 & A & 0.1 \\ \hline 600 & $					
$ \begin{array}{c c c c c c c } \hline & 500V & A & 0.13 \\ \hline & 600V & A & 0.1 \\ \hline & m\Omega & $20 \\ \hline & m\Omega & $20 \\ \hline & & & & & & & & & & & & & & & & & &$					
$\begin{tabular}{ c c c c } \hline & & & & & & & & & & & & & & & & & & $					
Contact resistance         mΩ         ≤20           Operations         Figure 100000         Electrical life         hours         100000           Electrical life         cycles         100000         Electrical life         hours         100000           Mechanical leatures         cycles         500000         Terminals crew         cycles         500000           Conductor section         ife         screw         Screw         Screw           Mounting adapter         Ife         max         mm²         1 or 2 / 2.5           Mounting adapter         LPXAU120         Weight         g         82           UL technical data         Type1, 2, 3R, 4, 4X, 12, 12K         12, 12K           Ambient conditions         Type1, 2, 3R, 4, 4X, 12, 12K         12, 12K           Temperature         Operating temperature         min         °C         -25           Mounting adapter         Certifications and compliance         -40         max         °C         +85					
Operations       Electrical life       hours       100000         Electrical life       cycles       100000         Mechanical features       wechanical features       wechanical features         Operating force       kg-lb       <0.5Kg / 1.1lb	<u> </u>		600V		
Electrical life         hours         100000           Electrical life         cycles         100000           Mechanical features         -         -           Operating force         kg-lb         <0.5Kg / 1.1lb				mΩ	≤20
Electrical life cycles 100000 Mechanical features Operating force kg-lb <0.5Kg / 1.1lb Mechanical life - spring return actuators cycles 500000 Terminals screw Screw Conductor section IEC <u>max mm<sup>2</sup> 1 or 2 / 2.5</u> Mounting adapter LPXAU120 Weight g 82 UL technical data UL degree of protection Type1, 2, 3R, 4, 4X, 12, 12K Ambient conditions Temperature Operating temperature <u>Mechanical generature</u> Operating temperature <u>Min °C -25</u> <u>max °C +70</u> Storage temperature <u>min °C -40</u> <u>max °C +85</u> Certifications and compliance					400000
Mechanical features       kg-lb       <0.5Kg / 1.1lb         Operating force       kg-lb       <0.5Kg / 1.1lb					
Operating force         kg-lb         <0.5kg / 1.1lb           Mechanical life - spring return actuators         cycles         500000           Terminals screw         Screw         Screw           Conductor section         IEC         max         mm²         1 or 2 / 2.5           Mounting adapter         LPXAU120         g         82           Weight         g         82         UL technical data           UL degree of protection         Type1, 2, 3R, 4, 4X, 12, 12K         Type1, 2, 3R, 4, 4X, 12, 12K           Ambient conditions         Type1, 2, 3R, 4, 4X, 12, 12K         Type1, 2, 3R, 4, 4X, 12, 12K           Certifications and compliance         min         °C         -25           max         °C         +70         Storage temperature           Min         °C         -40         max         °C         +85				cycles	1000000
Mechanical life - spring return actuators       cycles       500000         Terminals screw       Screw         Conductor section       IEC       max       mm²       1 or 2 / 2.5         Mounting adapter       LPXAU120       g       82         Weight       g       82       10 to 2 / 2.5         UL technical data       Type1, 2, 3R, 4, 4X, 12, 12K       10 to 2 / 2.5         UL degree of protection       Type1, 2, 3R, 4, 4X, 12, 12K       12 to 2 / 2.5         Ambient conditions       Type1, 2, 3R, 4, 4X, 12, 12K       12 to 2 / 2.5         Temperature       Min       °C       -25 max         Storage temperature       min       °C       -25 max         Mounting and compliance       min       °C       -40 max					
Terminals screw     Screw       Conductor section     IEC       Mounting adapter     I or 2 / 2.5       Weight     g       UL technical data     g       UL degree of protection     Type1, 2, 3R, 4, 4X, 12, 12K       Ambient conditions     Type1, 2, 3R, 4, 4X, 12, 12K       Temperature     Min       Operating temperature     min       Storage temperature     min       Min     °C       -25     max       *C     +70		· · ·		-	
Conductor section       IEC       max       mm²       1 or 2 / 2.5         Mounting adapter       LPXAU120       LPXAU120         Weight       g       82         UL technical data       Type1, 2, 3R, 4, 4X, 12, 12K         UL degree of protection       Type1, 2, 3R, 4, 4X, 12, 12K         Ambient conditions       Trapperature         Operating temperature       min       °C       -25 max         Storage temperature       min       °C       -40 max         Certifications and compliance       Temperature       Min       °C		rn actuators		cycles	
IEC       max       mm²       1 or 2 / 2.5         Mounting adapter       LPXAU120         Weight       g       82         UL technical data       Type1, 2, 3R, 4, 4X, 12, 12K         UL degree of protection       Type1, 2, 3R, 4, 4X, 12, 12K         Ambient conditions       Type1, 2, 3R, 4, 4X, 12, 12K         Temperature       min       °C       -25 max         Storage temperature       min       °C       +70         Storage temperature       min       °C       +85         Certifications and compliance       Storage temperature       Storage temperature	Terminals screw				Screw
max       mm²       1 or 2 / 2.5         Mounting adapter       LPXAU120         Weight       g       82         UL technical data       Type1, 2, 3R, 4, 4X, 12, 12K         Ambient conditions       Type1, 2, 3R, 4, 4X, 12, 12K         Temperature       Operating temperature         Min       °C       -25         max       °C       +70         Storage temperature       min       °C       -40         max       °C       +85	Conductor section				
Mounting adapter       LPXAU120         Weight       g       82         UL technical data       Type1, 2, 3R, 4, 4X, 12, 12K         Ambient conditions       Toperating temperature         Operating temperature       min       °C       -25 max         Storage temperature       min       °C       +70         Certifications and compliance       Toperations       Toperations		IEC			
Weight     g     82       UL technical data     Type1, 2, 3R, 4, 4X, 12, 12K       Ambient conditions     Temperature       Operating temperature     min     °C			max	mm²	
UL technical data UL degree of protection Type1, 2, 3R, 4, 4X, 12, 12K Ambient conditions Temperature Operating temperature Operating temperature Min °C -25 max °C +70 Storage temperature Min °C -40 max °C +85 Certifications and compliance					
UL degree of protection Type1, 2, 3R, 4, 4X, 12, 12K Ambient conditions Temperature Operating temperature $ \frac{\text{Min}  ^{\circ}\text{C}  -25}{\text{max}  ^{\circ}\text{C}  +70} $ Storage temperature $ \frac{\text{Min}  ^{\circ}\text{C}  -25}{\text{Storage temperature}} $ Certifications and compliance				g	82
Ambient conditions       12, 12K         Temperature       Operating temperature         min       °C         Storage temperature       min         min       °C         Storage temperature       min         Certifications and compliance       °C	UL technical data				
Temperature          Operating temperature       min       °C       -25         max       °C       +70         Storage temperature       min       °C       -40         max       °C       +85					
Operating temperature       min       °C       -25         max       °C       +70         Storage temperature       min       °C       -40         max       °C       +85					
min       °C       -25         max       °C       +70         Storage temperature       min       °C       -40         max       °C       +85         Certifications and compliance       U       -25	Temperature				
max       °C       +70         Storage temperature       min       °C       -40         max       °C       +85         Certifications and compliance       Certifications       Certifications		Operating temperature			
Storage temperature min °C -40 max °C +85 Certifications and compliance			min		
min °C -40 max °C +85 Certifications and compliance			max	°C	+70
max °C +85 Certifications and compliance		Storage temperature			
Certifications and compliance			min		
			max	°C	+85
		ce			
Compliance	Compliance				
CSA C22.2 n° 14		CSA C22.2 n° 14			



ENERGY AND AUTOMATION

## LPCBL104K11PB4 KIT PLASTIC ILLUMINATED BUTTON ACTUATOR, SPRING RETURN, FLUSH, RED WITH MOUNTING ADAPTER AND 2 CONTACT ELEMENTS, 1NO+1NC. SCREW TERMINATION. LED INTEGRATED LAMP-HOLDER, STEADY LIGHT, 12...30VAC/DC

	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-5-1
	UL508
Certificates	
	CCC
	cULus
	EAC
	RINA