

Example Configuration Sheet for System Model UN3HS5D2A

System Model: UN3HS5D2A MKU-2			
OCU Model: MKUDP		12 Dual Pressure Push Buttons	
MCU Model: CT24-RX/17		17 + 2 Relays	
Motors	Speeds	No. of Relays	
BRIDGE	2	3	
TROLLEY	2	3	
HOIST	2	4	
-	-	-	
-	-	-	
Additional Functions	# OF RLY	Additional Functions	# OF RLY
AUXILIARY	4	-	-
SELECT (Trolley/Hoist)	2	-	-
ALARM	1	-	-
-	-	-	-

A = K14
 BOTH = K14 + K15
 B = K15

Step 1: Function Label
 Step 2: TYPICAL

X2 Positive Guided Relays

System ON/OFF Emergency STOP	
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X3 Relay Contacts

		USER ASSIGNED DESIGNATION:
Motor Group D Contactor Typ: ALARM		
Auxiliary 1 Typ: _____		
SELECT B Typ: TRO/HOIST B Select		
SELECT A Typ: TRO/HOIST A Select		
Auxiliary 2 Typ: _____		
Auxiliary 3 Typ: _____		
Auxiliary 4 Typ: _____		
Motor Group C Speed 2 Typ: HOIST UP 2nd SPD		
Motor Group C Speed 2 Typ: HOIST DN 2nd SPD		
Motor Group C Direction Typ: HOIST UP		
Motor Group C Direction Typ: HOIST DOWN		
Motor Group B Speed 2 Typ: TROLLEY 2nd SPD		
Motor Group B Direction Typ: TROLLEY REVERSE		
Motor Group B Direction Typ: TROLLEY FORWARD		
Motor Group A Speed 2 Typ: BRIDGE 2nd SPD		
Motor Group A Direction Typ: BRIDGE REVERSE		
Motor Group A Direction Typ: BRIDGE FORWARD		

X1 Power Supply

110-240 VAC, 50-60 Hz	
	PE AC

NOTE:
 THIS MODEL HAS GROUPED FUNCTIONS. THERE IS INTERLOCKING BETWEEN EACH SET OF DIRECTIONAL OUTPUTS. PRESSING BOTH DIRECTIONS OF THE SAME MOTOR GROUP SIMULTANEOUSLY WILL CANCEL BOTH OUTPUT COMMANDS AND NEITHER FUNCTION WILL BE SENT.

MCU TRANSKEY NUMBER	M-02	OCU & MCU REMOTE CONTROL KEYPAD BUTTON TO RELAY CONFIGURATION SHEET	MANUAL ILLUSTRATION CONFIGURATION: UN3HS5D2A MKU-2
OCU TRANSKEY NUMBER	O-02		
MANUAL ILLUSTRATION #: MKU-2, AUGUST 2008			
PREPARED BY: STUART C. BANKS			

Example Configuration Sheet for System Model UN3H06D2

System Model: UN3H06D2 MKU-1			
OCU Model: MKUDP		12 Dual Pressure Push Buttons	
MCU Model: CT24-RX/17		17 + 2 Relays	
Motors	Speeds	No. of Relays	
BRIDGE	2	3	
TROLLEY	2	3	
HOIST	2	4	
-	-	-	
-	-	-	
Additional Functions	# OF RLY	Additional Functions	# OF RLY
AUXILIARY	5	-	-
ALARM	1	-	-
-	-	-	-
-	-	-	-

Step 1: Function Label

Step 2: TYPICAL

X2 Positive Guided Relays

System ON/OFF	
Emergency STOP	

X3 Relay Contacts USER ASSIGNED DESIGNATION:

Motor Group D Contactor Typ: ALARM	K17		
Auxiliary 1 Typ: _____	K16		
Auxiliary 2 Typ: _____	K15		
Auxiliary 3 Typ: _____	K14		
Auxiliary 4 Typ: _____	K13		
Auxiliary 5 Typ: _____	K12		
RELAY UNUSED Typ: _____	K11		
Motor Group C Speed 2 Typ: HOIST UP 2nd SPD	K10		
Motor Group C Speed 2 Typ: HOIST DN 2nd SPD	K9		
Motor Group C Direction Typ: HOIST UP	K8		
Motor Group C Direction Typ: HOIST DOWN	K7		
Motor Group B Speed 2 Typ: TROLLEY 2nd SPD	K6		
Motor Group B Direction Typ: TROLLEY REVERSE	K5		
Motor Group B Direction Typ: TROLLEY FORWARD	K4		
Motor Group A Speed 2 Typ: BRIDGE 2nd SPD	K3		
Motor Group A Direction Typ: BRIDGE REVERSE	K2		
Motor Group A Direction Typ: BRIDGE FORWARD	K1		

X1 Power Supply

110-240 VAC, 50-60 Hz	
	PE AC

NOTE:
 THIS MODEL HAS GROUPED FUNCTIONS. THERE IS INTERLOCKING BETWEEN EACH SET OF DIRECTIONAL OUTPUTS. PRESSING BOTH DIRECTIONS OF THE SAME MOTOR GROUP SIMULTANEOUSLY WILL CANCEL BOTH OUTPUT COMMANDS AND NEITHER FUNCTION WILL BE SENT.

MCU TRANSKEY NUMBER	M-01	OCU & MCU REMOTE CONTROL KEYPAD BUTTON TO RELAY CONFIGURATION SHEET	 MANUAL ILLUSTRATION CONFIGURATION: UN3H06D2 MKU-1
OCU TRANSKEY NUMBER	O-01		
MANUAL ILLUSTRATION #:	MKU-1, AUGUST 2008		
PREPARED BY:	STUART C. BANKS		

Example Configuration Sheet for System Model UN4H03D2

System Model: UN4H03D2 MKU-3	
OCU Model: MKUDP	12 Dual Pressure Push Buttons
MCU Model: CT24-RX/17	17 + 2 Relays
Motors	Speeds No. of Relays
BRIDGE	2 3
TROLLEY	2 3
HOIST	2 4
AUX HOIST	2 4
-	- -
Additional Functions	# OF RLY Additional Functions # OF RLY
AUXILIARY	2 - -
ALARM	1 - -
-	- - -
-	- - -

X2 Positive Guided Relays

System ON/OFF Emergency STOP	K0-M K0-S 1 2 3 4
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X3 Relay Contacts **USER ASSIGNED DESIGNATION:**

Motor Group E Contactor Typ: ALARM K17	36 35 34	
Auxiliary 1 Typ: _____ K16	33 32 31	
Auxiliary 2 Typ: _____ K15	30 29	
Motor Group D Speed 2 Typ: AUX HOIST UP 2nd SPD K14	28 27	
Motor Group D Speed 2 Typ: AUX HOIST DN 2nd SPD K13	26 25	
Motor Group D Direction Typ: AUX HOIST UP K12	24 23	
Motor Group D Direction Typ: AUX HOIST DOWN K11	22 21	
Motor Group C Speed 2 Typ: HOIST UP 2nd SPD K10	20 19	
Motor Group C Speed 2 Typ: HOIST DN 2nd SPD K9	18 17	
Motor Group C Direction Typ: HOIST UP K8	16 15	
Motor Group C Direction Typ: HOIST DOWN K7	14 13	
Motor Group B Speed 2 Typ: TROLLEY 2nd SPD K6	12 11	
Motor Group B Direction Typ: TROLLEY REVERSE K5	10 9	
Motor Group B Direction Typ: TROLLEY FORWARD K4	8 7	
Motor Group A Speed 2 Typ: BRIDGE 2nd SPD K3	6 5	
Motor Group A Direction Typ: BRIDGE REVERSE K2	4 3	
Motor Group A Direction Typ: BRIDGE FORWARD K1	2 1	

X1 Power Supply

110-240 VAC, 50-60 Hz	1 1 2 PE AC
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NOTE:
THIS MODEL HAS GROUPED FUNCTIONS. THERE IS INTERLOCKING BETWEEN EACH SET OF DIRECTIONAL OUTPUTS. PRESSING BOTH DIRECTIONS OF THE SAME MOTOR GROUP SIMULTANEOUSLY WILL CANCEL BOTH OUTPUT COMMANDS AND NEITHER FUNCTION WILL BE SENT.

MCU TRANSKEY NUMBER	M-03	CATTRON GROUP INTERNATIONAL MANUAL ILLUSTRATION UN4H03D2 MKU-3
OCU TRANSKEY NUMBER	O-03	
MANUAL ILLUSTRATION #:	MKU-3, AUGUST 2008	
PREPARED BY:	STUART C. BANKS	

Example Configuration Sheet for System Model UN5H02S2

System Model: UN5H02S2			
OCU Model: MKUDP		12 Dual Pressure Push Buttons	
MCU Model: CT24-RX/17		17 + 2 Relays	
Motors	Speeds	No. of Relays	
BRIDGE	2	3	
TROLLEY	2	3	
HOIST	2	3	
AUX HOIST	2	3	
AUX TROLLEY	2	3	
Additional Functions	# OF RLY	Additional Functions	# OF RLY
AUXILIARY	1	-	-
ALARM	1	-	-
-	-	-	-
-	-	-	-

X2 Positive Guided Relays

System ON/OFF Emergency STOP	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>K0-M</td><td>K0-S</td></tr> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	K0-M	K0-S	1	2	3	4
K0-M	K0-S						
1	2						
3	4						

X3 Relay Contacts USER ASSIGNED DESIGNATION:

Motor Group F Contactor Typ: ALARM	K17	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>36</td></tr> <tr><td>35</td></tr> <tr><td>34</td></tr> </table>	36	35	34	
36						
35						
34						
Motor Group E Speed 2 Typ: AUX TROLLEY 2nd SPD	K16	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>33</td></tr> <tr><td>32</td></tr> <tr><td>31</td></tr> </table>	33	32	31	
33						
32						
31						
Motor Group E Direction Typ: AUX TROLLEY REV	K15	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>30</td></tr> <tr><td>29</td></tr> </table>	30	29		
30						
29						
Motor Group E Direction Typ: AUX TROLLEY FWD	K14	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>28</td></tr> <tr><td>27</td></tr> </table>	28	27		
28						
27						
Motor Group D Speed 2 Typ: AUX HOIST 2nd SPD	K13	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>26</td></tr> <tr><td>25</td></tr> </table>	26	25		
26						
25						
Motor Group D Direction Typ: AUX HOIST UP	K12	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>24</td></tr> <tr><td>23</td></tr> </table>	24	23		
24						
23						
Motor Group D Direction Typ: AUX HOIST DOWN	K11	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>22</td></tr> <tr><td>21</td></tr> </table>	22	21		
22						
21						
Auxiliary 1 Typ: _____	K10	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>20</td></tr> <tr><td>19</td></tr> </table>	20	19		
20						
19						
Motor Group C Speed 2 Typ: HOIST 2nd SPD	K9	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>18</td></tr> <tr><td>17</td></tr> </table>	18	17		
18						
17						
Motor Group C Direction Typ: HOIST UP	K8	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>16</td></tr> <tr><td>15</td></tr> </table>	16	15		
16						
15						
Motor Group C Direction Typ: HOIST DOWN	K7	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>14</td></tr> <tr><td>13</td></tr> </table>	14	13		
14						
13						
Motor Group B Speed 2 Typ: TROLLEY 2nd SPD	K6	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>12</td></tr> <tr><td>11</td></tr> </table>	12	11		
12						
11						
Motor Group B Direction Typ: TROLLEY REVERSE	K5	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>10</td></tr> <tr><td>9</td></tr> </table>	10	9		
10						
9						
Motor Group B Direction Typ: TROLLEY FORWARD	K4	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>8</td></tr> <tr><td>7</td></tr> </table>	8	7		
8						
7						
Motor Group A Speed 2 Typ: BRIDGE 2nd SPD	K3	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>6</td></tr> <tr><td>5</td></tr> </table>	6	5		
6						
5						
Motor Group A Direction Typ: BRIDGE REVERSE	K2	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>4</td></tr> <tr><td>3</td></tr> </table>	4	3		
4						
3						
Motor Group A Direction Typ: BRIDGE FORWARD	K1	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>2</td></tr> <tr><td>1</td></tr> </table>	2	1		
2						
1						

X1 Power Supply

110-240 VAC, 50-60 Hz	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>1</td><td>1</td><td>2</td></tr> <tr><td>PE</td><td>AC</td><td></td></tr> </table>	1	1	2	PE	AC	
1	1	2					
PE	AC						

NOTE:
THIS MODEL HAS GROUPED FUNCTIONS. THERE IS INTERLOCKING BETWEEN EACH SET OF DIRECTIONAL OUTPUTS. PRESSING BOTH DIRECTIONS OF THE SAME MOTOR GROUP SIMULTANEOUSLY WILL CANCEL BOTH OUTPUT COMMANDS AND NEITHER FUNCTION WILL BE SENT.

MCU TRANSKEY NUMBER	M-04	OCU & MCU REMOTE CONTROL KEYPAD BUTTON TO RELAY CONFIGURATION SHEET	 MANUAL ILLUSTRATION CONFIGURATION: UN5H02S2 MKU-4
OCU TRANSKEY NUMBER	O-04		
MANUAL ILLUSTRATION #:	MKU-4, AUGUST 2008		
PREPARED BY:	STUART C. BANKS		