

SAFE-D-STOP™

Configuration Sheets Safe-D-Stop

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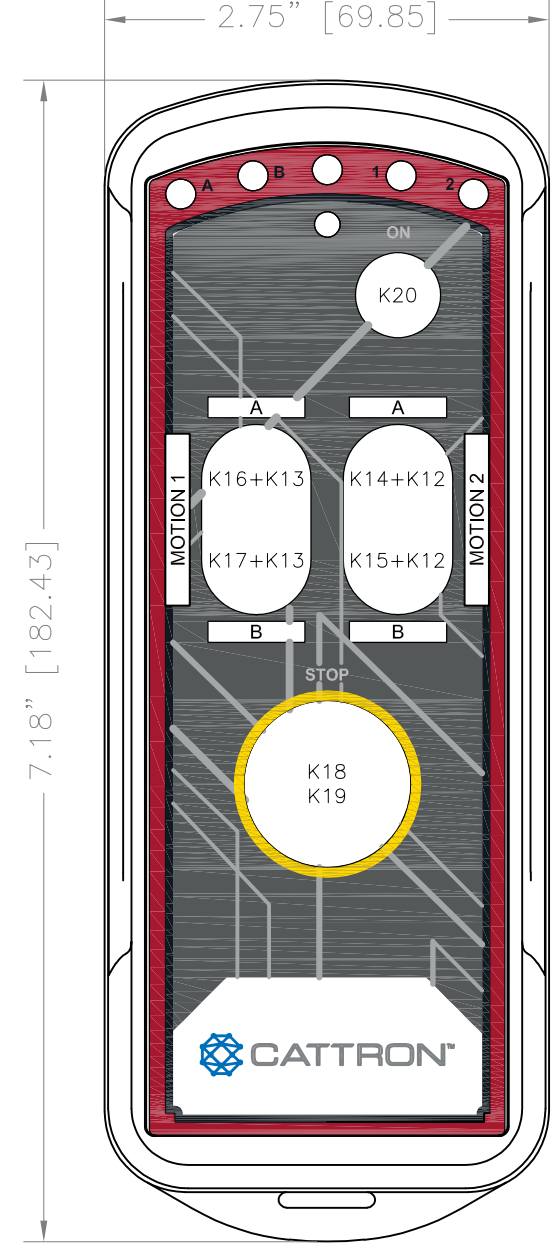
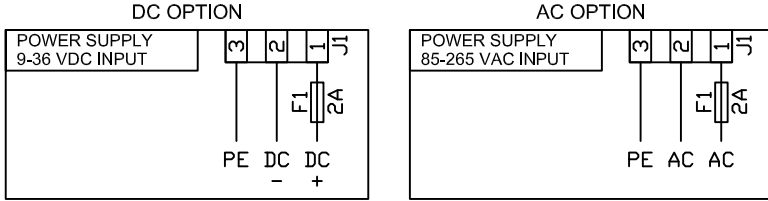
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2 Motion-1 Speed-Alarm (9D04-9061-A011)

System Model: SAFED 10R-ASO-VC X			
OCU Model: SAFED-X			
MCU Model: 10R-ASO-VC-X			
Configuration: 2 MOTION 1 SPEED, ALM			
Motors	Speeds	-	
2	1	-	
-	-	-	
Additional Functions	# OF RLY	Additional Functions	# OF RLY
ON - ALARM	1	-	-
-	-	-	-
-	-	-	-
-	-	-	-

FREQ. TABLE X
 B = 433-434
 D = 450-470
 E = 868
 F = 902-927
 MT = MOMENTARY TX



REVISIONS		
REV	DESCRIPTION	DATE
A	DRAWN PER ECD-20-0337	01SEP2020
A2	REVISED PER ECD-21-0328	08JUN2021

Relay Contacts	USER ASSIGNED DESIGNATION:
F7 5A J8	
RELAY NOT USED K8	
K9	
K7	
K6	
K5	
ON ALARM K20	

Relay Contacts	USER ASSIGNED DESIGNATION:
System ON/OFF Mainline Contactor **K18	
System ON/OFF Mainline Contactor **K19	
MOTION 1 DIRECTION B *K17	
MOTION 1 DIRECTION A *K16	
RELAY NOT USED K4	
MOTION 2 DIRECTION B *K15	
MOTION 2 DIRECTION A *K14	
RELAY NOT USED K3	
MOTION 1 DIRECTION A+B *K13	
MOTION 2 DIRECTION A+B *K12	
RELAY NOT USED K2	
*K11	
*K10	
K1	

* SAFETY RELAYS
 ** SAFETY RELAYS

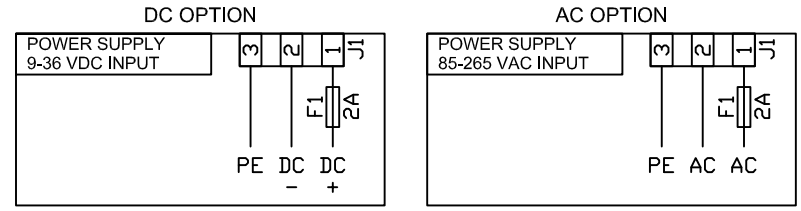
SIGNATURES		DATE	
DRAWN: A. LEWIS		31AUG20	
CHECKED: D. STAGG		08JUN21	
ENG: D. STAGG			
Q.A.:			TITLE / DESCRIPTION
			SYSTEM CONFIGURATION SHEET, SAFE-D-STOP (TM) OCU TO MCU CONFIGURATION
THIS IS A CAD DRAWING, PREPARED IN ACCORDANCE WITH ANSI Y14		SIZE B	PART NO. N/A
DO NOT SCALE DWG.		SCALE NTS	DRAWING NO. 9D04-9061-A011
SHEET 01 OF 01	REVISION A2		

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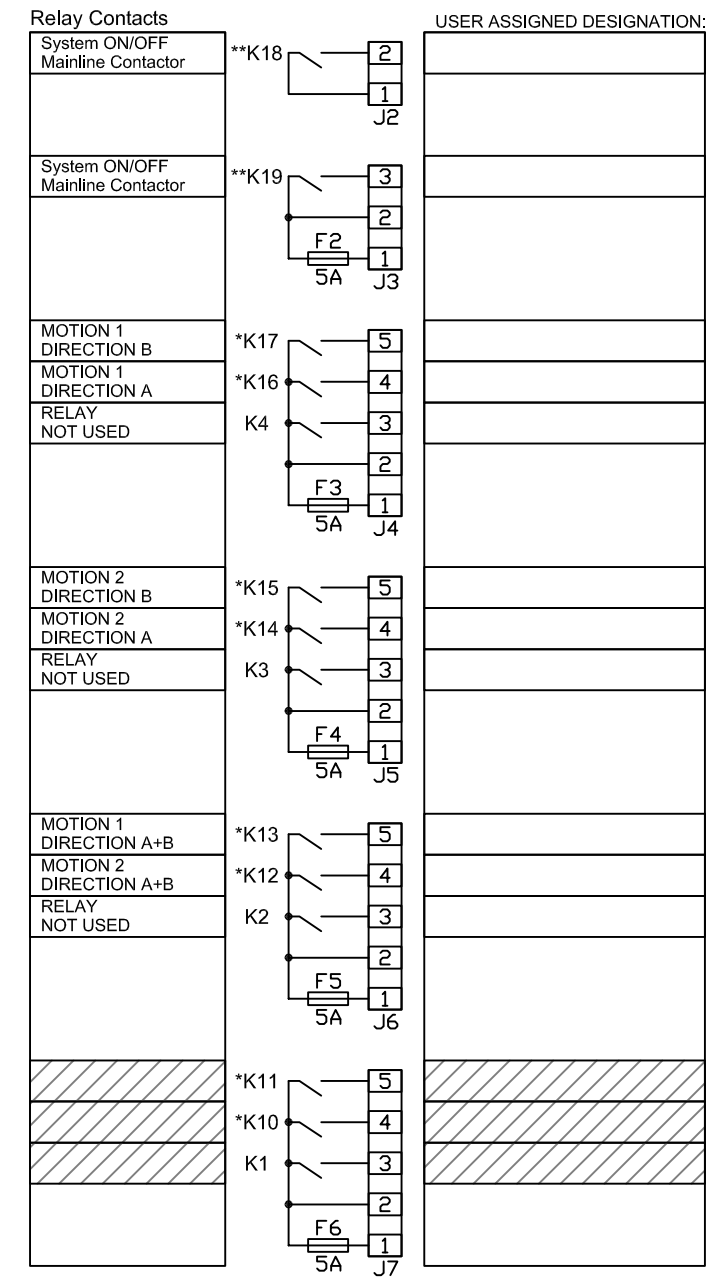
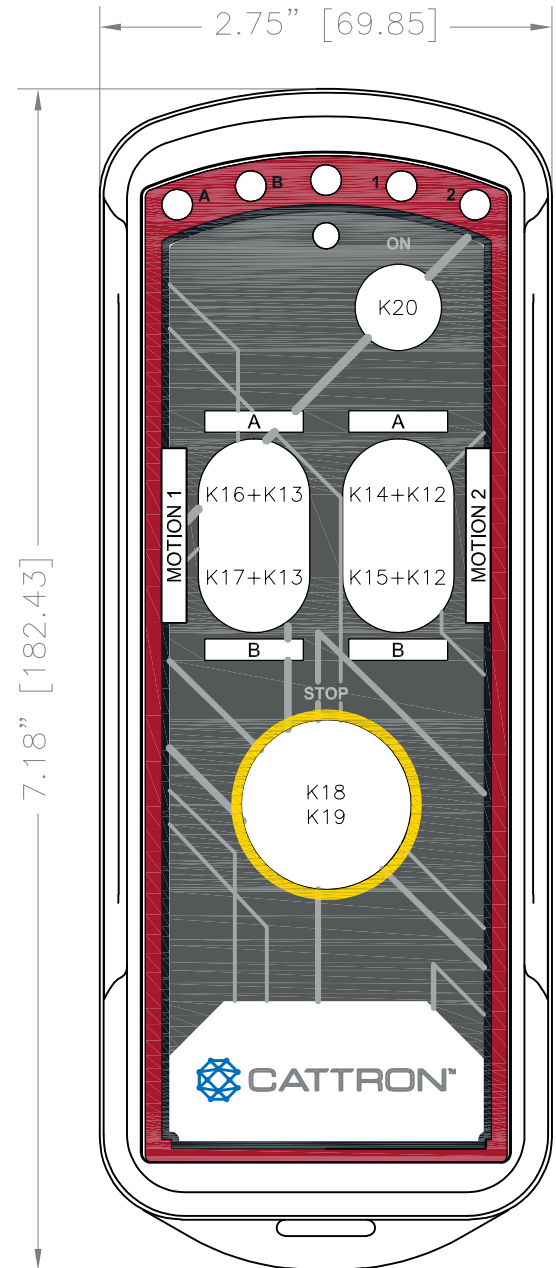
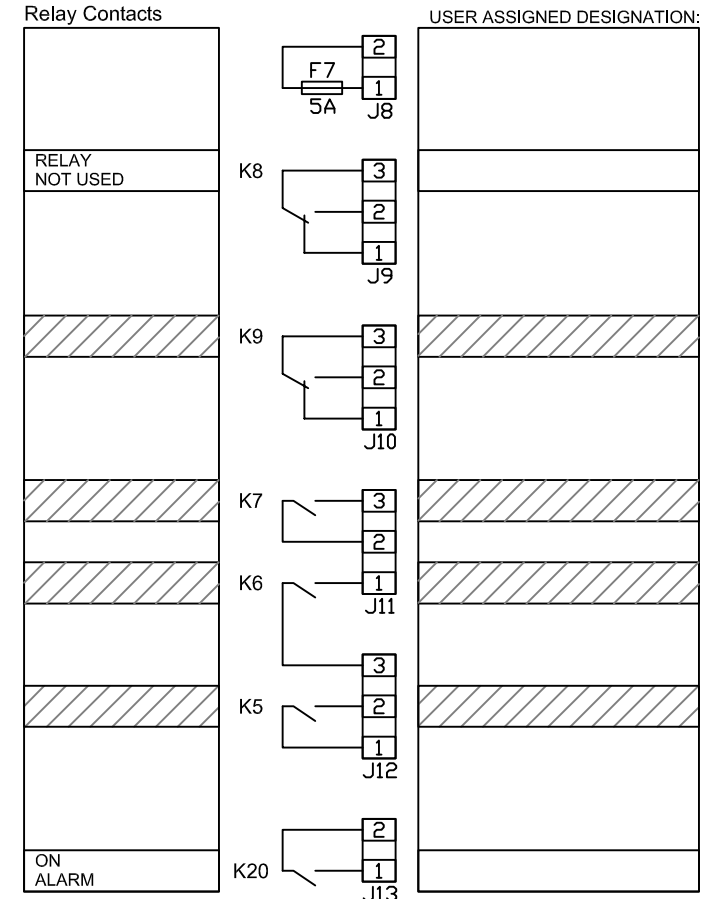
2 Motion-1 Speed-Alarm-Momentary Transmission (9D04-9061-A014)

System Model: SAFED 10R-ASO-VC X MT			
OCU Model: SAFED-X-MT			
MCU Model: 10R-ASO-VC-X-MT			
Configuration: 2 MOTION 1 SPEED, ALM, MT			
Motors	Speeds	-	
2	1	-	
-	-	-	
Additional Functions	# OF RLY	Additional Functions	# OF RLY
ON - ALARM	1	-	-
-	-	-	-
-	-	-	-
-	-	-	-

FREQ. TABLE X
 B = 433-434
 D = 450-470
 E = 868
 F = 902-927
 MT = MOMENTARY TX



REVISIONS		
REV	DESCRIPTION	DATE
A	DRAWN PER ECD-20-0337	01SEP2020
A2	REVISED PER ECD-21-0328	08JUN2021



* SAFETY RELAYS
 ** SAFETY RELAYS

SIGNATURES		DATE	
DRAWN: A. LEWIS		31AUG20	
CHECKED: D. STAGG		08JUN21	TITLE / DESCRIPTION
ENG: D. STAGG			SYSTEM CONFIGURATION SHEET, SAFE-D-STOP (TM) OCU TO MCU CONFIGURATION
Q.A.:			
THIS IS A CAD DRAWING, PREPARED IN ACCORDANCE WITH ANSI Y14		SIZE B	PART NO. N/A
DO NOT SCALE DWG.		SCALE NTS	DRAWING NO. 9D04-9061-A014
SHEET 01 OF 01	REVISION A2		

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CBMCU						
Multi-Connector Functions						
PIN #	Description	Rating	AWG	Color	CABLE	Wire Label
1	SSR Output #1	4A	18	BROWN	1	SSR 1
2	SSR Output #2	10A	18	WHITE	1	SSR 2
3	SSR Output #3	10A	18	ORANGE	1	SSR 3
4	SSR Output #4	4A	18	YELLOW	1	SSR 4
5	SSR Output #5	4A	18	GREEN	1	SSR 5
6	SSR Output #6	4A	18	BLUE	1	SSR 6
7	SSR Output #7	4A	18	VIOLET	1	SSR 7
8	SSR Output #8	4A	18	GRAY	1	SSR 8
9	SSR Channel Supply Inputs	8A	18	RED	1	SSR POS1
10		8A	18	RED\WHITE	1	SSR POS2
11		8A	18	RED\BLACK	1	SSR POS3
16	SSR Ground		18	BLACK	1	SSR GND
17			Shield	--	1	
13	CAN Bus #1 Shield-GND		Shield	--	3	
14	CAN Bus #1 - L		20	GREEN	3	CAN 1 - L
15	CAN Bus #1 - H		20	YELLOW	3	CAN 1 - H
18	Not used		PLUG		--	
12	CBMCU Input + (9-36V)		20	RED	2	POWER 9-36V
19	CBMCU Input GND		20	Black	2	POWER GND
20			Shield	--	2	
21		Not Used		Shield	--	4
22	Not used		20	GREEN	4	CAN 2 - L
23	Not used		20	YELLOW	4	CAN 2 - H

NB:

1	Maximum continuous combined current is 24A, assumes 9,10 & 11 are all connected to +ve supply
2	Maximum Hold current on 10 A terminals is 8A

CONFIGURATION			
50			
50A			50B
Safe-D-Stop	Telegram		CBMCU
Switch	Byte	Bit	Function
STOP1			Main 1
STOP2	0	1	Main 2
2&10	2	0	M1 DA
3&11	2	1	M1 DB
4&12	2	2	M2 DA
5&13	2	3	M2 DB
2&10 OR 3&11	2	4	M1 DA&B
4&12 OR 5&13	2	5	M2 DA&B

Frequency	X	Location
418	A	China Exempt
433-434	B	EU & Others Exempt
440	C	EU Licensed
450-470	D	N America Licensed
868	E	EU ExemptEU Exempt
902-927	F	N America Exempt
2.4GHz	G	Global Exempt
429	J	Japan Exempt



System Model	SAFED CBMCU X 50
OCU Model	SAFED-X 50
MCU Model	CBMCU-X 50
Configuration Sheet	9D04-9061-A050
Revision	ECO-23-0385