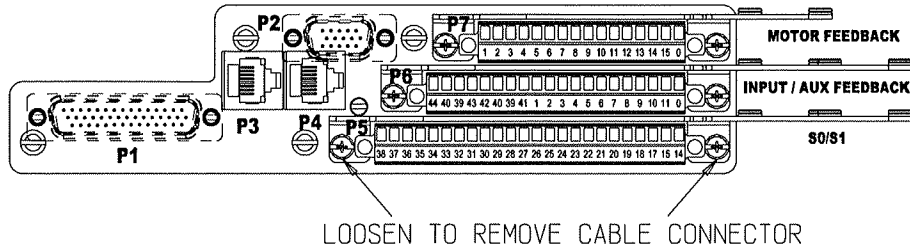


FRONT VIEW (COVER REMOVED)



P5 - P6
I/O INPUT / AUX FEEDBACK AND S0 / S1

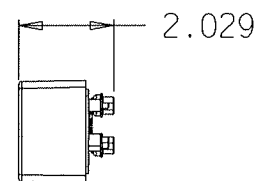
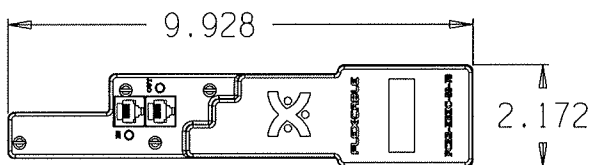
P1 PIN NUM.		P1 PIN NUM.		P1 PIN NUM.				
1	SINE DIFFERENTIAL INPUT + A DIFFERENTIAL INPUT +	16	NO CONNECTION	--	31	DOOR MONITOR INPUT 0	DM_IN_CHO	
2	SINE DIFFERENTIAL INPUT - A DIFFERENTIAL INPUT -	17	SAFETY 24V POWER INPUT	SPWR	32	DOOR MONITOR INPUT 1	DM_IN_CHI	
3	COSINE DIFFERENTIAL INPUT + B DIFFERENTIAL INPUT +	18	SAFETY 24V POWER COMMON	SCOM	33	LOCK MONITOR INPUT 0	LM_IN_CHO	
4	COSINE DIFFERENTIAL INPUT - B DIFFERENTIAL INPUT -	19	SAFE STOP INPUT 0	SS_IN_CHO	34	LOCK MONITOR INPUT 1	LM_IN_CHI	
5	DATA DIFFERENTIAL INPUT/OUTPUT + INDEX DIFFERENTIAL INPUT +	20	SAFE STOP INPUT 1	SS_IN_CHI	35	DOOR CONTROL CHANNEL OUTPUT-	DC_OUT_CHO	
6	DATA DIFFERENTIAL INPUT/OUTPUT - INDEX DIFFERENTIAL INPUT -	21	SAFE STOP OUTPUT 0	SS_OUT_CHO	36	DOOR CONTROL CHANNEL OUTPUT+	DC_OUT_CHI	
7	CLOCK OUTPUT +	22	SAFE STOP OUTPUT 1	SS_OUT_CHI	37	ENABLING SWITCH MONITOR INPUT 0	ESM_IN_CHO	
8	CLOCK OUTPUT -	23	SAFE STOP INPUT 2	SS_IN_CH2	38	ENABLING SWITCH MONITOR INPUT 1	ESM_IN_CHI	
9	ENCODER 5V POWER OUTPUT	24	SAFE STOP INPUT 3	SS_IN_CH3	39	24V POWER OUT	24VPWR	
10	ENCODER COMMON	25	RESET REFERENCE	RESET_REF	40	24V COMMON	24VCOM	
11	ENCODER 9V POWER OUTPUT	26	RESET INPUT	RESET_IN	41	DIGITAL INPUT 1 (DRIVE ENABLE)	INPUT1	
12	NO CONNECTION	--	27	PULSE TEST OUTPUT 0	TEST_OUT_0	42	DIGITAL INPUT 2 (HOME)	INPUT2
13	NO CONNECTION	--	28	PULSE TEST OUTPUT 1	TEST_OUT_1	43	DIGITAL INPUT 3 (REGISTRATION 1)	INPUT3
14	24V POWER OUT	24VPWR	29	SAFE LIMITED SPEED OUTPUT 0	SLS_OUT_CHO	44	DIGITAL INPUT 4 (REGISTRATION 2)	INPUT4
15	24V COMMON	24VCOM	30	SAFE LIMITED SPEED OUTPUT 1	SLS_OUT_CHI			

P3 PIN NUM.	P3 IN	P5 TERMINAL NUM.
8	RESET INPUT	RESET_IN 26
7	RESET REFERENCE	RESET_REF 25
6	SAFE STOP INPUT 3	SS_IN_CH3 24
5	SAFE STOP INPUT 2	SS_IN_CH2 23
4	SAFE STOP OUTPUT 1	SS_OUT_CH1 22
3	SAFE STOP OUTPUT 0	SS_OUT_CHO 21
2	SAFETY 24V COMMON	SCOM 18
1	SAFETY 24V POWER OUT	SPWR 17

P4 PIN NUM.	P4 OUT	P5 TERMINAL NUM.
8	SHORT	--
7	SHORT	--
6	SAFE STOP OUTPUT 1	SS_OUT_CH1 22
5	SAFE STOP OUTPUT 0	SS_OUT_CHO 21
4	NO CONNECTION	--
3	NO CONNECTION	--
2	SAFETY 24V COMMON	SCOM 18
1	SAFETY 24V POWER OUT	SPWR 17

P2 PIN NUM.	P7 MOTOR FEEDBACK	
1	SINE DIFFERENTIAL INPUT + A DIFFERENTIAL INPUT +	MTR_SIN+ MTR_AM+
2	SINE DIFFERENTIAL INPUT - A DIFFERENTIAL INPUT -	MTR_SIN- MTR_AM-
3	COSINE DIFFERENTIAL INPUT + B DIFFERENTIAL INPUT +	MTR_COS+ MTR_BM+
4	COSINE DIFFERENTIAL INPUT - B DIFFERENTIAL INPUT -	MTR_COS- MTR_BM-
5	DATA DIFFERENTIAL INPUT/OUTPUT + INDEX DIFFERENTIAL INPUT +	MTR_DATA+ MTR_IM+
6	ENCODER COMMON	MTR_ECOM
7	ENCODER 9V POWER OUTPUT	MTR_EPWR9V
8	HALL COMMUTATION S3 INPUT	MTR_S3
9	CLOCK OUTPUT +	MTR_CLK+
10	DATA DIFFERENTIAL INPUT/OUTPUT - INDEX DIFFERENTIAL INPUT -	MTR_DATA- MTR_IM-
11	MOTOR THERMOSTAT (NORMALLY CLOSED)	MTR_TS
12	HALL COMMUTATION S1 INPUT	MTR_S1
13	HALL COMMUTATION S2 INPUT	MTR_S2
14	ENCODER 5V POWER OUTPUT	MTR_EPWR5V
15	CLOCK OUTPUT -	MTR_CLK-

Part # FCBB-K6XC-59-76
 KINETIX 6200 & 6500 I/O AND MOTOR FEEDBACK



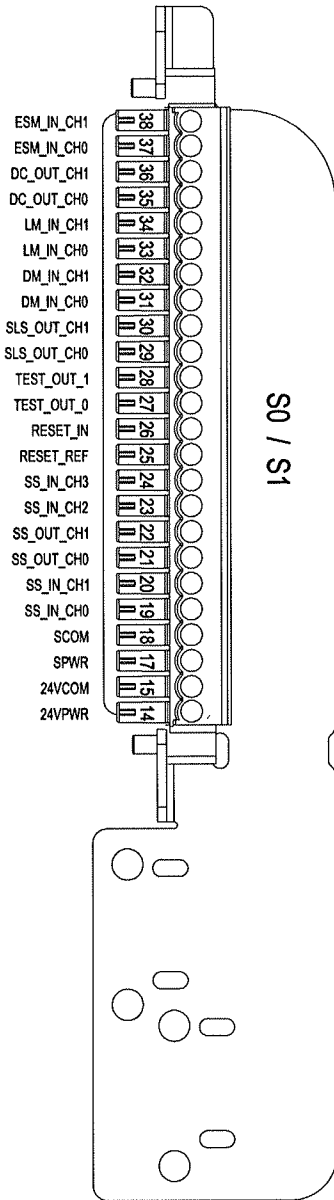
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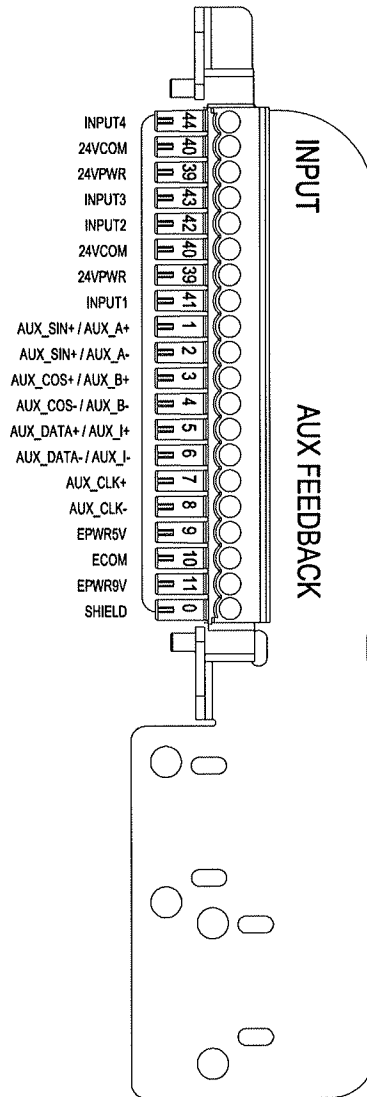
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Department: AUTOMATION ELECTRONICS	
Port # FCBB-K6XC-59-76	Title: KINETIX 6200 & 6500 I/O AND MOTOR FEEDBACK
Drawing No. A9353	

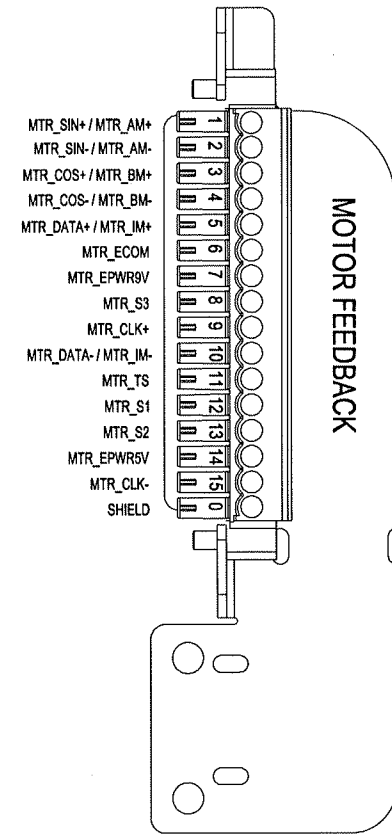
CABLE CONNECTOR REFERENCE SHEET FOR FC-BB-K6XC-59-76



P5
S0 / S1

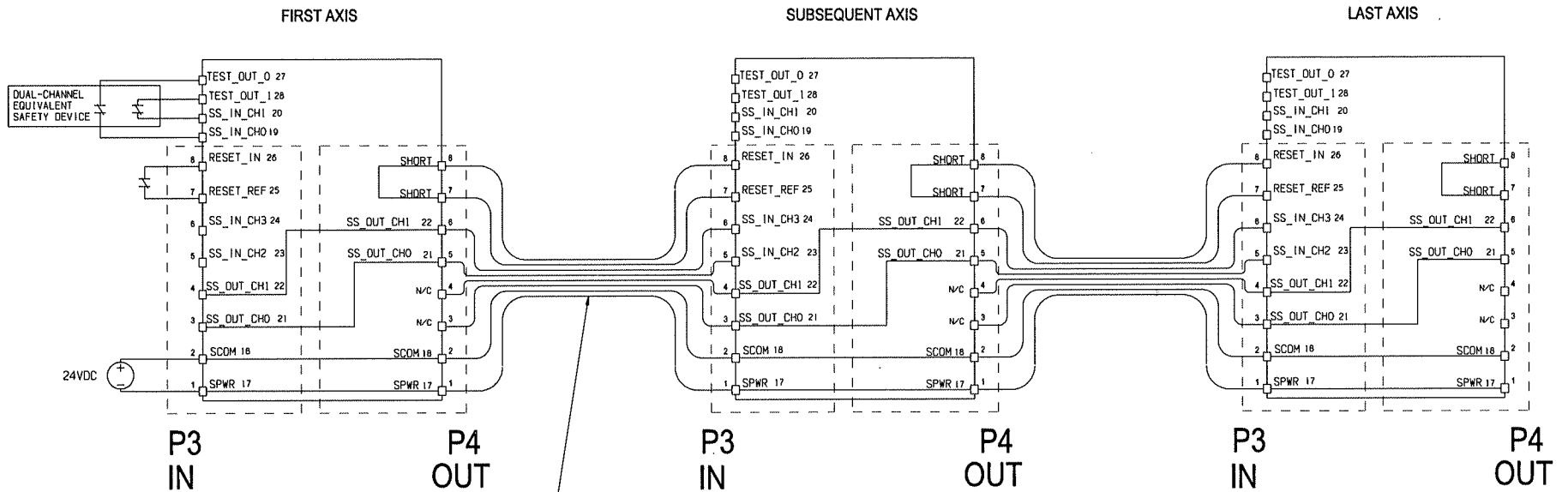


P6
INPUT / AUX FEEDBACK



P7
MOTOR FEEDBACK

KINETIX 6200/6500 - CASCADING SAFETY



CABLE PN:
FC-10265-Hxxx
NOTE: xxx IS LENGTH IN INCHES

For cascaded axis, connect the safety switches to the safety inputs (SS_In) of only the first Axis. The inputs are cascaded from one axis to the next by installing the RJ45 jumper cable from the OUT of the first axis to the IN of the next axis and so on, as show on the right.

Refer to Rockwell Automation documentation for safety, auxiliary feedback, and I/O signal descriptions.

Pin numbering inside solid box correspond to the 44 pin I/O connector (P1). Pin numbers outside solid box correspond to P3 and P4 connectors.

