

Pinout Table

Termination board field side			Modules		Termination board control side	
Module	Channel	IS terminals M1 ... M16	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X1	Signal name Tricon CX 3902(A)X
1	1	1	5a	8a	18	F1+
		4	5b	7a, GND		
		2	1a	5a	34	IO_TYPE1
		5	1b	5b, GND		
2	2	1	5a	8a	19	F2+
		4	5b	7a, GND		
		2	1a	5a	35	IO_TYPE2
		5	1b	5b, GND		
3	3	1	5a	8a	20	F3+
		4	5b	7a, GND		
		2	1a	5a	36	IO_TYPE3
		5	1b	5b, GND		
4	4	1	5a	8a	21	F4+
		4	5b	7a, GND		
		2	1a	5a	37	IO_TYPE4
		5	1b	5b, GND		
5	5	1	5a	8a	22	F5+
		4	5b	7a, GND		
		2	1a	5a	38	IO_TYPE5
		5	1b	5b, GND		
6	6	1	5a	8a	23	F6+
		4	5b	7a, GND		
		2	1a	5a	39	IO_TYPE6
		5	1b	5b, GND		
7	7	1	5a	8a	24	F7+
		4	5b	7a, GND		
		2	1a	5a	40	IO_TYPE7
		5	1b	5b, GND		
8	8	1	5a	8a	25	F8+
		4	5b	7a, GND		
		2	1a	5a	41	IO_TYPE8
		5	1b	5b, GND		
9	9	1	5a	8a	1	F9+
		4	5b	7a, GND		
		2	1a	5a	14	IO_TYPE9
		5	1b	5b, GND		
10	10	1	5a	8a	2	F10+
		4	5b	7a, GND		
		2	1a	5a	31	IO_TYPE10
		5	1b	5b, GND		
11	11	1	5a	8a	3	F11+
		4	5b	7a, GND		
		2	1a	5a	47	IO_TYPE11
		5	1b	5b, GND		
12	12	1	5a	8a	4	F12+
		4	5b	7a, GND		
		2	1a	5a	15	IO_TYPE12
		5	1b	5b, GND		
13	13	1	5a	8a	5	F13+
		4	5b	7a, GND		
		2	1a	5a	48	IO_TYPE13
		5	1b	5b, GND		
14	14	1	5a	8a	6	F14+
		4	5b	7a, GND		
		2	1a	5a	16	IO_TYPE14
		5	1b	5b, GND		

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Module	Channel	IS terminals M1 ... M16	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector X1	Signal name Tricon CX 3902(A)X	
15	15	1	5a	8a	7	F15+	
		4	5b	7a, GND			
		2	1a	5a	33	IO_TYPE15	
		5	1b	5b, GND			
16	16	1	5a	8a	8	F16+	
		4	5b	7a, GND			
		2	1a	5a	50	IO_TYPE16	
		5	1b	5b, GND			
					12, 13, 29, 30, 44, 45, 46	ORED_PWR	
					9, 10, 11, 26, 27, 28, 42, 43	GND	
					49	LOOP_PWR1	
					32	LOOP_PWR2	
					17	CABLE SHIELD	

Terminal pinout	Connector	Pin	Signal name
Power supply	X20	6	Supply I -
		5	Supply I +
	X20	4	Supply II -
		3	Supply II +
Fault indication transistor output	X20	2	Fault -
		1	Fault +

Module pinout (SL1): module 1 ... 16	
ORED_PWR	2a (+)
	2b (+)
GND	1a (-)
	1b (-)
Fault	6b



The loop drawing has to be observed. For information see corresponding data sheet on www.pepperl-fuchs.com.