

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	Signal splitter terminals M1 ... M16	System connector X1	Signal name Tricon CX 3902(A)X
1	1	1	5a	8a		18	F1+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		34
2	2	1	5a	8a		19	F2+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		35
3	3	1	5a	8a		20	F3+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		36
4	4	1	5a	8a		21	F4+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		37
5	5	1	5a	8a		22	F5+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		38
6	6	1	5a	8a		23	F6+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		39
7	7	1	5a	8a		24	F7+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		40
8	8	1	5a	8a		25	F8+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		41
9	9	1	5a	8a		1	F9+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		14
10	10	1	5a	8a		2	F10+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		31
11	11	1	5a	8a		3	F11+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		47
12	12	1	5a	8a		4	F12+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
					5a		15

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

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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	Signal splitter terminals M1 ... M16	System connector X1	Signal name Tricon CX 3902(A)X
13	13	1	5a	8a		5	F13+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
				5a		48	IO_TYPE13
14	14	1	5a	8a		6	F14+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
				5a		16	IO_TYPE14
15	15	1	5a	8a		7	F15+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
				5a		33	IO_TYPE15
16	16	1	5a	8a		8	F16+
		4	5b	7a, 5b, GND			
		2	1a	10a	12		
		5	1b	9a	15		
				5a		50	IO_TYPE16
					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.

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