Pin-Out Table

Termination Board field side			Modules		Termination Board control side	Yokogawa signal name
Module	Channel	IS terminals TB1/TB2	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector CN1, CN2	ADV551
1	1	1	5a	8b, V+ 1 … 16		
		4	5b	7b	50	OUT1
		7	7a			
	2	2	1a	9b, V+ 1 … 16		
		5	1b	10b	48	OUT2
		6	3b			
2	3	1	5a	8b, V+ 1 … 16		
		4	5b	7b	46	OUT3
		7	7a			
	4	2	1a	9b, V+ 1 … 16		
		5	1b	10b	44	OUT4
		6	3b			
3	5	1	5a	8b, V+ 1 … 16		
		4	5b	7b	42	OUT5
		7	7a			
	6	2	1a	9b, V+ 1 … 16		
		5	1b	10b	40	OUT6
		6	3b			
4	7	1	5a	8b, V+ 1 … 16		
		4	5b	7b	38	OUT7
		7	7a			
	8	2	1a	9b, V+ 1 … 16		
		5	1b	10b	36	OUT8
		6	3b			
5	9	1	5a	8b, V+ 1 … 16		
		4	5b	7b	34	OUT9
		7	7a			
	10	2	1a	9b, V+ 1 … 16		
		5	1b	10b	32	OUT10
		6	3b			
6	11	1	5a	8b, V+ 1 … 16		
		4	5b	7b	30	OUT11
		7	7a			
	12	2	1a	9b, V+ 1 … 16		
		5	1b	10b	28	OUT12
		6	3b			
7	13	1	5a	8b, V+ 1 … 16		
		4	5b	7b	26	OUT13
		7	7a			
	14	2	1a	9b, V+ 1 … 16		
		5	1b	10b	24	OUT14
		6	3b			
8	15	1	5a	8b, V+ 1 … 16		
		4	5b	7b	22	OUT15
		7	7a			
	16	2	1a	9b, V+ 1 … 16		
		5	1b	10b	20	OUT16
		6	3b			
9	17	1	5a	8b, V+ 17 … 32		
		4	5b	7b	49	OUT17
		7	7a			
	18	2	1a	9b, V+ 17 … 32		
		5	1b	10b	47	OUT18
		6	3b			
10	19	1	5a	8b, V+ 17 … 32		
		4	5b	7b	45	OUT19
		7	7a			
	20	2	1a	9b, V+ 17 … 32		
		5	1b	10b	43	OUT20
		6	3b			

Pin-Out Table

Termination Board field side			Modules		Termination Board control side	Yokogawa signal name
Module	Channel	IS terminals TB1/TB2	IS terminals SL2 field side	Non-IS terminals SL1 control side	System connector CN1, CN2	ADV551
11	21	1	5a	8b, V+ 17 … 32		
		4	5b	7b	41	OUT21
		7	7a			
	22	2	1a	9b, V+ 17 … 32		
		5	1b	10b	39	OUT22
		6	3b			
12	23	1	5a	8b, V+ 17 … 32		
		4	5b	7b	37	OUT23
		7	7a			
	24	2	1a	9b, V+ 17 … 32		
		5	1b	10b	35	OUT24
		6	3b			
13	25	1	5a	8b, V+ 17 … 32		
		4	5b	7b	33	OUT25
		7	7a			
	26	2	1a	9b, V+ 17 … 32		
		5	1b	10b	31	OUT26
		6	3b			
14	27	1	5a	8b, V+ 17 … 32		
		4	5b	7b	29	OUT27
		7	7a			
	28	2	1a	9b, V+ 17 … 32		
		5	1b	10b	27	OUT28
		6	3b			
15	29	1	5a	8b, V+ 17 … 32		
		4	5b	7b	25	OUT29
		7	7a			
	30	2	1a	9b, V+ 17 … 32		
		5	1b	10b	23	OUT30
		6	3b			
16	31	1	5a	8b, V+ 17 … 32		
		4	5b	7b	21	OUT31
		7	7a			
	32	2	1a	9b, V+ 17 … 32		
		5	1b	10b	19	OUT32
		6	3b			
					1, 2	CBSE
					3, 4, 5, 6	n.c.
					7, 9	V+ 17 … 32
					8, 10	V+ 1 … 16
					11 … 18	COM

Terminal pin-out		
Power supply	X20	3+
		4-
	X20	5+
		6-
Potential-free fault indication output	X20	1, 2

Module pin-out (SL1): module 1 ... 16	
V_{cc}	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.