

Connectors Pin-out

IMPORTANT Each 2Mbit/s connection panel requires three slots on the traffic signal termination area. As described in section 1 "Information for the System Engineer – Equipment Composition" four different alternatives are available for the position of 2Mbit/s connection panels.
In detail:

Alternative	Slots Used	Used for
I	1, 2 and 3	Connection of MOST A 2Mbit/s Tributary Sub-unit
		Connection of channels from 1 to 32 of a 63x2Mbit/s Unit
II	2, 3 and 4	Connection of MOST A 2Mbit/s Tributary Sub-unit
		Connection of channels from 1 to 32 of a 63x2Mbit/s Unit
III	4, 5 and 6	Connection of MOST B 2Mbit/s Tributary Sub-unit
		Connection of channels from 33 to 63 of a 63x2Mbit/s Unit
IV	5, 6 and 7	Connection of MOST B 2Mbit/s Tributary Sub-unit
		Connection of channels from 33 to 63 of a 63x2Mbit/s Unit

Tab. 2.5-1 Use of alternative positions for 2Mbit/s connection panels

In Fig. 2.5-1 the detail of traffic signal termination area is given.

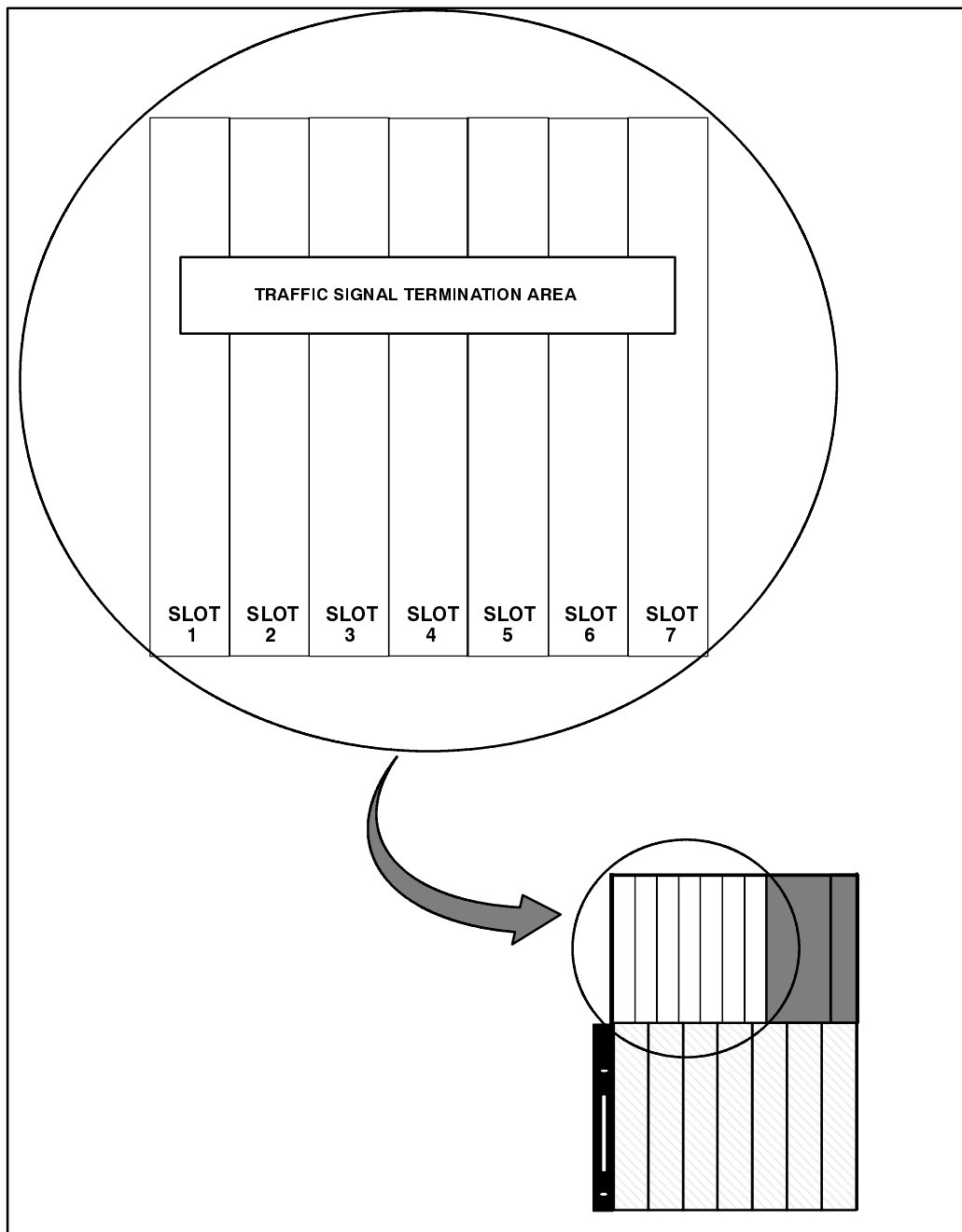
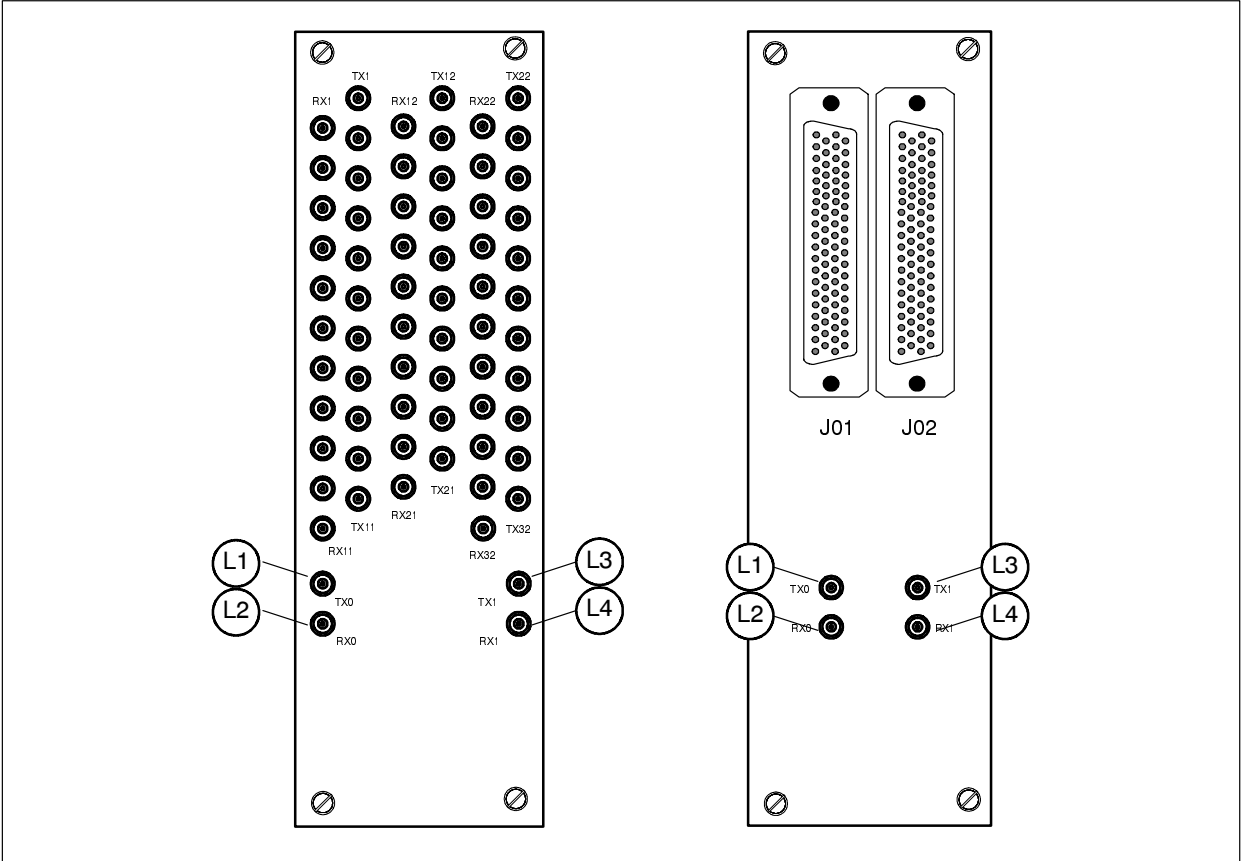


Fig. 2.5-1 Traffic signal termination area

For the 2Mbit/s connection panels, the pin-out is given for the four alternatives.
Connectors position are referred to Fig.2.3-2 and Fig. 2.3-3h.

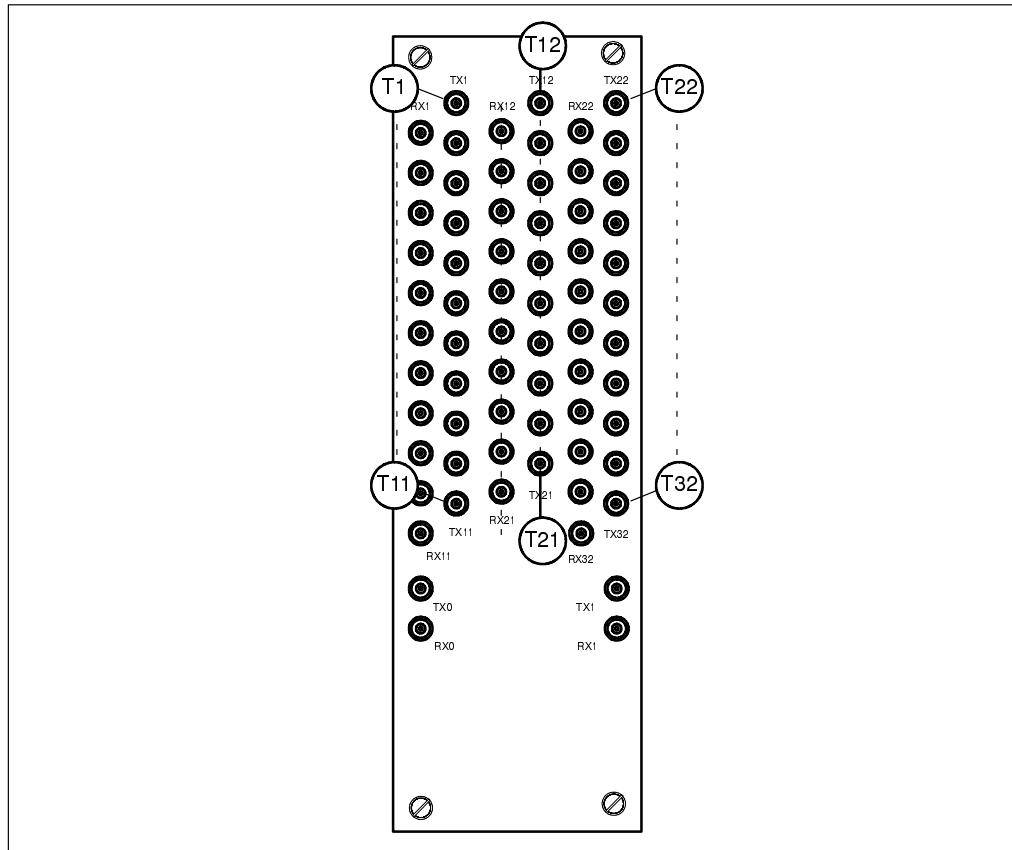
d (L1–L4)/e (L1–L4)



L1	TX line 0	L3	TX line 1
L2	RX line 0	L4	RX line 1

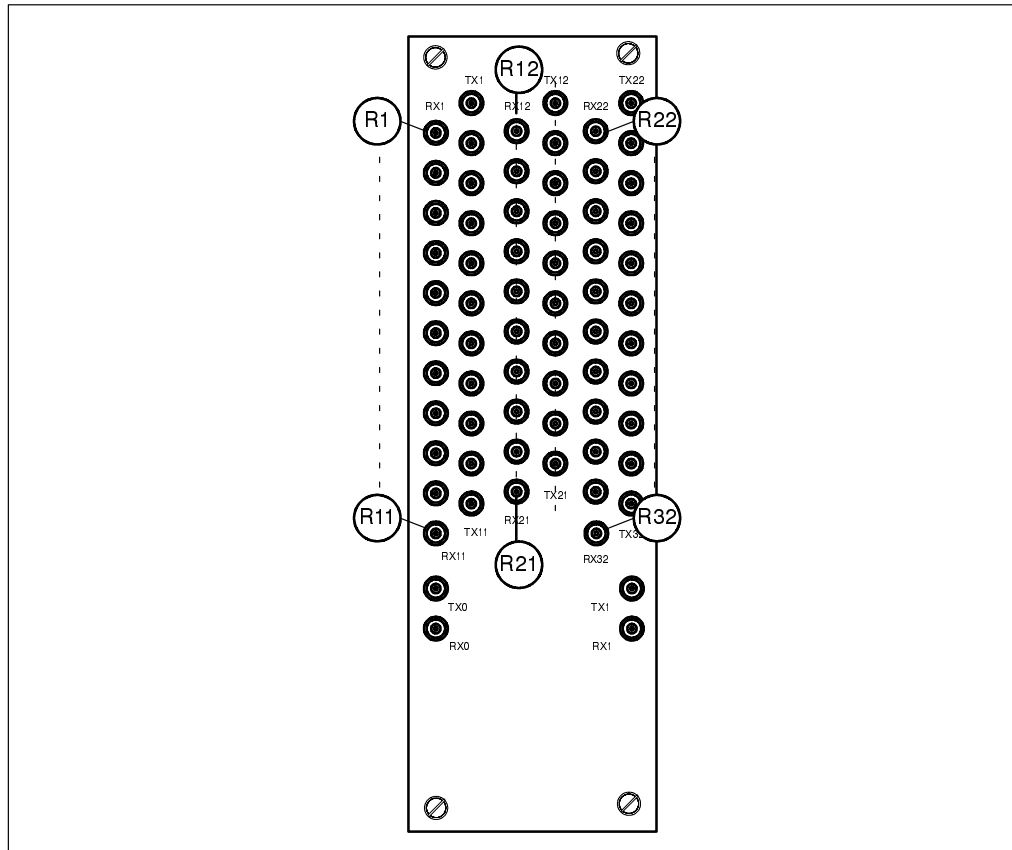
With reference to Fig. 2.5–1, when alternative I in the traffic termination area is used, the lines connected are on MOST A. When alternative IV in the traffic termination area is used, the lines connected are on MOST B.

IMPORTANT Only alternative I and IV can be used for the connection of STM–1 electrical lines. For further details please refer to Section 1 "Information for the System Engineer – Equipment Composition"

d(T1–T32)

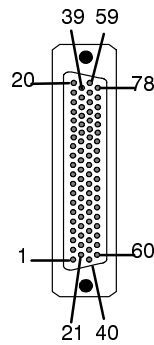
CONNECTOR NUMBER	SIGNAL NAME					
	Alternative I	Alternative II	Alternative III		Alternative IV	
			32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
T1	TX port 1	TX port 17	TX port 1	TX port 33	TX port 17	TX port 49
T2	TX port 2	TX port 18	TX port 2	TX port 34	TX port 18	TX port 50
T3	TX port 3	TX port 19	TX port 3	TX port 35	TX port 19	TX port 51
T4	TX port 4	TX port 20	TX port 4	TX port 36	TX port 20	TX port 52
T5	TX port 5	TX port 21	TX port 5	TX port 37	TX port 21	TX port 53
T6	TX port 6	TX port 22	TX port 6	TX port 38	TX port 22	TX port 54
T7	TX port 7	TX port 23	TX port 7	TX port 39	TX port 23	TX port 55
T8	TX port 8	TX port 24	TX port 8	TX port 40	TX port 24	TX port 56
T9	TX port 9	TX port 25	TX port 9	TX port 41	TX port 25	TX port 57
T10	TX port 10	TX port 26	TX port 10	TX port 42	TX port 26	TX port 58
T11	TX port 11	TX port 27	TX port 11	TX port 43	TX port 27	TX port 59
T12	TX port 12	TX port 28	TX port 12	TX port 44	TX port 28	TX port 60
T13	TX port 13	TX port 29	TX port 13	TX port 45	TX port 29	TX port 61
T14	TX port 14	TX port 30	TX port 14	TX port 46	TX port 30	TX port 62
T15	TX port 15	TX port 31	TX port 15	TX port 47	TX port 31	TX port 63

CONNECTOR NUMBER	SIGNAL NAME					
	Alternative I	Alternative II	Alternative III		Alternative IV	
			32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
T16	TX port 16	TX port 32	TX port 16	TX port 48	not used	not used
T17	TX port 17	TX port 1	TX port 17	TX port 49	TX port 1	TX port 33
T18	TX port 18	TX port 2	TX port 18	TX port 50	TX port 2	TX port 34
T19	TX port 19	TX port 3	TX port 19	TX port 51	TX port 3	TX port 35
T20	TX port 20	TX port 4	TX port 20	TX port 52	TX port 4	TX port 36
T21	TX port 21	TX port 5	TX port 21	TX port 53	TX port 5	TX port 37
T22	TX port 22	TX port 6	TX port 22	TX port 54	TX port 6	TX port 38
T23	TX port 23	TX port 7	TX port 23	TX port 55	TX port 7	TX port 39
T24	TX port 24	TX port 8	TX port 24	TX port 56	TX port 8	TX port 40
T25	TX port 25	TX port 9	TX port 25	TX port 57	TX port 9	TX port 41
T26	TX port 26	TX port 10	TX port 26	TX port 58	TX port 10	TX port 42
T27	TX port 27	TX port 11	TX port 27	TX port 59	TX port 11	TX port 43
T28	TX port 28	TX port 12	TX port 28	TX port 60	TX port 12	TX port 44
T29	TX port 29	TX port 13	TX port 29	TX port 61	TX port 13	TX port 45
T30	TX port 30	TX port 14	TX port 30	TX port 62	TX port 14	TX port 46
T31	TX port 31	TX port 15	TX port 31	TX port 63	TX port 15	TX port 47
T32	TX port 32	TX port 16	not used	not used	TX port 16	TX port 48

d(R1–R32)

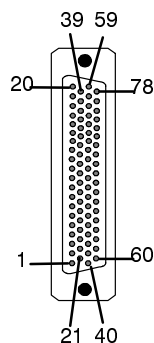
CONNECTOR NUMBER	SIGNAL NAME					
	Alternative I	Alternative II	Alternative III		Alternative IV	
			32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
R1	RX port 1	RX port 17	RX port 1	RX port 33	RX port 17	RX port 49
R2	RX port 2	RX port 18	RX port 2	RX port 34	RX port 18	RX port 50
R3	RX port 3	RX port 19	RX port 3	RX port 35	RX port 19	RX port 51
R4	RX port 4	RX port 20	RX port 4	RX port 36	RX port 20	RX port 52
R5	RX port 5	RX port 21	RX port 5	RX port 37	RX port 21	RX port 53
R6	RX port 6	RX port 22	RX port 6	RX port 38	RX port 22	RX port 54
R7	RX port 7	RX port 23	RX port 7	RX port 39	RX port 23	RX port 55
R8	RX port 8	RX port 24	RX port 8	RX port 40	RX port 24	RX port 56
R9	RX port 9	RX port 25	RX port 9	RX port 41	RX port 25	RX port 57
R10	RX port 10	RX port 26	RX port 10	RX port 42	RX port 26	RX port 58
R11	RX port 11	RX port 27	RX port 11	RX port 43	RX port 27	RX port 59
R12	RX port 12	RX port 28	RX port 12	RX port 44	RX port 28	RX port 60
R13	RX port 13	RX port 29	RX port 13	RX port 45	RX port 29	RX port 61
R14	RX port 14	RX port 30	RX port 14	RX port 46	RX port 30	RX port 62
R15	RX port 15	RX port 31	RX port 15	RX port 47	RX port 31	RX port 63
R16	RX port 16	RX port 32	RX port 16	RX port 48	not used	not used

CONNECTOR NUMBER	SIGNAL NAME					
	Alternative I	Alternative II	Alternative III		Alternative IV	
			32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
R17	RX port 17	RX port 1	RX port 17	RX port 49	RX port 1	RX port 33
R18	RX port 18	RX port 2	RX port 18	RX port 50	RX port 2	RX port 34
R19	RX port 19	RX port 3	RX port 19	RX port 51	RX port 3	RX port 35
R20	RX port 20	RX port 4	RX port 20	RX port 52	RX port 4	RX port 36
R21	RX port 21	RX port 5	RX port 21	RX port 53	RX port 5	RX port 37
R22	RX port 22	RX port 6	RX port 22	RX port 54	RX port 6	RX port 38
R23	RX port 23	RX port 7	RX port 23	RX port 55	RX port 7	RX port 39
R24	RX port 24	RX port 8	RX port 24	RX port 56	RX port 8	RX port 40
R25	RX port 25	RX port 9	RX port 25	RX port 57	RX port 9	RX port 41
R26	RX port 26	RX port 10	RX port 26	RX port 58	RX port 10	RX port 42
R27	RX port 27	RX port 11	RX port 27	RX port 59	RX port 11	RX port 43
R28	RX port 28	RX port 12	RX port 28	RX port 60	RX port 12	RX port 44
R29	RX port 29	RX port 13	RX port 29	RX port 61	RX port 13	RX port 45
R30	RX port 30	RX port 14	RX port 30	RX port 62	RX port 14	RX port 46
R31	RX port 31	RX port 15	RX port 31	RX port 63	RX port 15	RX port 47
R32	RX port 32	RX port 16	not used	not used	RX port 16	RX port 48

e1

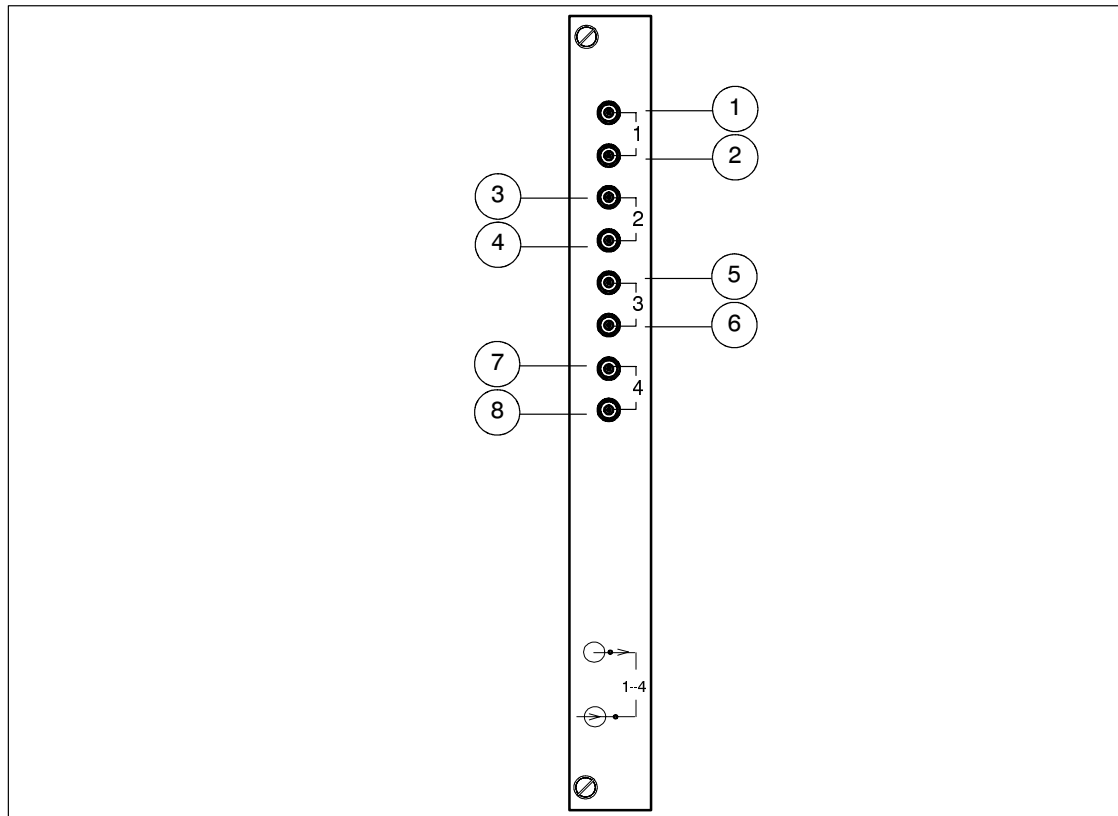
PIN	SIGNAL LABEL	DESCRIPTION					
		ALTERNATIVE					
		I	II	III		IV	
				32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
1	TX1A	Out 1 a	Out 17 a	Out 1 a	Out 33 a	Out 17 a	Out 49 a
2	TX2A	Out 2 a	Out 18 a	Out 2 a	Out 34 a	Out 18 a	Out 50 a
3	TX3A	Out 3 a	Out 19 a	Out 3 a	Out 35 a	Out 19 a	Out 51 a
4	TX4A	Out 4 a	Out 20 a	Out 4 a	Out 36 a	Out 20a	Out 52 a
5	TX5A	Out 5 a	Out 21 a	Out 5 a	Out 37 a	Out 21 a	Out 53 a
6	TX6A	Out 6 a	Out 22 a	Out 6 a	Out 38 a	Out 22 a	Out 54 a
7	TX7A	Out 7 a	Out 23 a	Out 7 a	Out 39 a	Out 23 a	Out 55 a
8	TX8A	Out 8 a	Out 24 a	Out 8 a	Out 40 a	Out 24 a	Out 56 a
9	TX9A	Out 9 a	Out 25 a	Out 9 a	Out 41 a	Out 25 a	Out 57 a
10	TX10A	Out 10 a	Out 26 a	Out 10 a	Out 42 a	Out 26 a	Out 58 a
11	TX11A	Out 11 a	Out 27 a	Out 11 a	Out 43 a	Out 27 a	Out 59 a
12	TX12A	Out 12 a	Out 28 a	Out 12 a	Out 44 a	Out 28 a	Out 60 a
13	TX13A	Out 13 a	Out 29 a	Out 13 a	Out 45 a	Out 29 a	Out 61 a
14	TX14A	Out 14 a	Out 30 a	Out 14 a	Out 46 a	Out 30 a	Out 62 a
15	TX15A	Out 15 a	Out 31 a	Out 15 a	Out 47 a	Out 31 a	Out 63 a
16	TX16A	Out 16 a	Out 32 a	Out 16 a	Out 48 a	not used	not used
20	GND	Ground	Ground	Ground	Ground	Ground	Ground
21	TX1B	Out 1 b	Out 17 b	Out 1 b	Out 33 b	Out 17 b	Out 49 b
22	TX2B	Out 2 b	Out 18 b	Out 2 b	Out 34 b	Out 18 b	Out 50 b
23	TX3B	Out 3 b	Out 19 b	Out 3 b	Out 35 b	Out 19 b	Out 51 b
24	TX4B	Out 4 b	Out 20 b	Out 4 b	Out 36 b	Out 20 b	Out 52 b
25	TX5B	Out 5 b	Out 21 b	Out 5 b	Out 37 b	Out 21 b	Out 53 b
26	TX6B	Out 6 b	Out 22 b	Out 6 b	Out 38 b	Out 22 b	Out 54 b
27	TX7B	Out 7 b	Out 23 b	Out 7 b	Out 39 b	Out 23 b	Out 55 b
28	TX8B	Out 8 b	Out 24 b	Out 8 b	Out 40 b	Out 24 b	Out 56 b
29	TX9B	Out 9 b	Out 25 b	Out 9 b	Out 41 b	Out 25 b	Out 57 b
30	TX10B	Out 10 b	Out 26 b	Out 10 b	Out 42 b	Out 26 b	Out 58 b
31	TX11B	Out 11 b	Out 27 b	Out 11 b	Out 43 b	Out 27 b	Out 59 b
32	TX12B	Out 12 b	Out 28 b	Out 12 b	Out 44 b	Out 28 b	Out 60 b
33	TX13B	Out 13 b	Out 29 b	Out 13 b	Out 45 b	Out 29 b	Out 61 b

PIN	SIGNAL LABEL	DESCRIPTION					
		ALTERNATIVE					
		I	II	III		IV	
				32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
34	TX14B	Out 14 b	Out 30 b	Out 14 b	Out 46 b	Out 30 b	Out 62 b
35	TX15B	Out 15 b	Out 31 b	Out 15 b	Out 47 b	Out 31 b	Out 63 b
36	TX16B	Out 16 b	Out 32 b	Out 16 b	Out 48 b	not used	not used
39	GND	Ground	Ground	Ground	Ground	Ground	Ground
40	RX1A	In 1 a	In 17 a	In 1 a	In 33 a	In 17 a	In 49 a
41	RX2A	In 2 a	In 18 a	In 2 a	In 34 a	In 18 a	In 50 a
42	RX3A	In 3 a	In 19 a	In 3 a	In 35 a	In 19 a	In 51 a
43	RX4A	In 4 a	In 20 a	In 4 a	In 36 a	In 20 a	In 52 a
44	RX5A	In 5 a	In 21 a	In 5 a	In 37 a	In 21 a	In 53 a
45	RX6A	In 6 a	In 22 a	In 6 a	In 38 a	In 22 a	In 54 a
46	RX7A	In 7 a	In 23 a	In 7 a	In 39 a	In 23 a	In 55 a
47	RX8A	In 8 a	In 24 a	In 8 a	In 40 a	In 24 a	In 56 a
48	RX9A	In 9 a	In 25 a	In 9 a	In 51 a	In 25 a	In 57 a
49	RX10A	In 10 a	In 26 a	In 10 a	In 52 a	In 26 a	In 58 a
50	RX11A	In 11 a	In 27 a	In 11 a	In 53 a	In 27 a	In 59 a
51	RX12A	In 12 a	In 28 a	In 12 a	In 54 a	In 28 a	In 60 a
52	RX13A	In 13 a	In 29 a	In 13 a	In 55 a	In 29 a	In 61 a
53	RX14A	In 14 a	In 30 a	In 14 a	In 56 a	In 30 a	In 62 a
54	RX15A	In 15 a	In 31 a	In 15 a	In 57 a	In 31 a	In 63 a
55	RX16A	In 16 a	In 32 a	In 16 a	In 58 a	not used	not used
59	GND	Ground	Ground	Ground	Ground	Ground	Ground
60	RX1B	In 1 b	In 17 b	In 1 b	In 33 b	In 17 b	In 49 b
61	RX2B	In 2 b	In 18 b	In 2 b	In 34 b	In 18 b	In 50 b
62	RX3B	In 3 b	In 19 b	In 3 b	In 35 b	In 19 b	In 51 b
63	RX4B	In 4 b	In 20 b	In 4 b	In 36 b	In 20 b	In 52 b
64	RX5B	In 5 b	In 21 b	In 5 b	In 37 b	In 21 b	In 53 b
65	RX6B	In 6 b	In 22 b	In 6 b	In 38 b	In 22 b	In 54 b
66	RX7B	In 7 b	In 23 b	In 7 b	In 39 b	In 23 b	In 55 b
67	RX8B	In 8 b	In 24 b	In 8 b	In 40 b	In 24 b	In 56 b
68	RX9B	In 9 b	In 25 b	In 9 b	In 41 b	In 25 b	In 57 b
69	RX10B	In 10 b	In 26 b	In 10 b	In 42 b	In 26 b	In 58 b
70	RX11B	In 11 b	In 27 b	In 11 b	In 43 b	In 27 b	In 59 b
71	RX12B	In 12 b	In 28 b	In 12 b	In 44 b	In 28 b	In 60 b
72	RX13B	In 13 b	In 29 b	In 13 b	In 45 b	In 29 b	In 61 b
73	RX14B	In 14 b	In 30 b	In 14 b	In 46 b	In 30 b	In 62 b
74	RX15B	In 15 b	In 31 b	In 15 b	In 47 b	In 31 b	In 63 b
75	RX16B	In 16 b	In 32 b	In 16 b	In 48 b	not used	not used
78	GND	Ground	Ground	Ground	Ground	Ground	Ground

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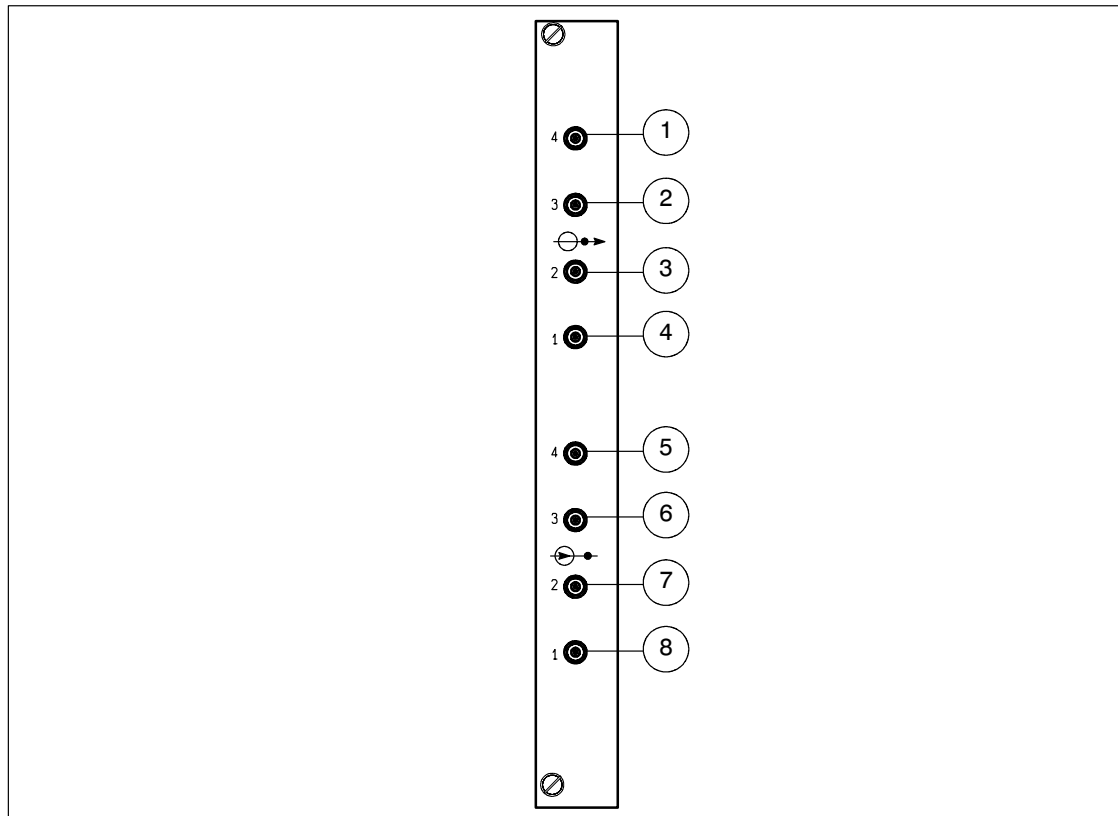
PIN	SIGNAL LABEL	DESCRIPTION					
		ALTERNATIVE					
		I	II	III		IV	
				32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
1	RX17A	ln 17 a	ln 1 a	ln 17 a	ln 49 a	ln 1 a	ln 33 a
2	RX18A	ln 18 a	ln 2 a	ln 18 a	ln 50 a	ln 2 a	ln 34 a
3	RX19A	ln 19 a	ln 3 a	ln 19 a	ln 51 a	ln 3 a	ln 35 a
4	RX20A	ln 20 a	ln 4 a	ln 20 a	ln 52 a	ln 4 a	ln 36 a
5	RX21A	ln 21 a	ln 5 a	ln 21 a	ln 53 a	ln 5 a	ln 37 a
6	RX22A	ln 22 a	ln 6 a	ln 22 a	ln 54 a	ln 6 a	ln 38 a
7	RX23A	ln 23 a	ln 7 a	ln 23 a	ln 55 a	ln 7 a	ln 39 a
8	RX24A	ln 24 a	ln 8 a	ln 24 a	ln 56 a	ln 8 a	ln 40 a
9	RX25A	ln 25 a	ln 9 a	ln 25 a	ln 57 a	ln 9 a	ln 41 a
10	RX26A	ln 26 a	ln 10 a	ln 26 a	ln 58 a	ln 10 a	ln 42 a
11	RX27A	ln 27 a	ln 11 a	ln 27 a	ln 59 a	ln 11 a	ln 43 a
12	RX28A	ln 28 a	ln 12 a	ln 28 a	ln 60 a	ln 12 a	ln 44 a
13	RX29A	ln 29 a	ln 13 a	ln 29 a	ln 61 a	ln 13 a	ln 45 a
14	RX30A	ln 30 a	ln 14 a	ln 30 a	ln 62 a	ln 14 a	ln 46 a
15	RX31A	ln 31 a	ln 15 a	ln 31 a	ln 63 a	ln 15 a	ln 47 a
16	RX32A	ln 32 a	ln 16 a	not used	not used	ln 16 a	ln 48 a
20	GND	Ground	Ground	Ground	Ground	Ground	Ground
21	RX17B	ln 17 b	ln 1 b	ln 17 b	ln 49 b	ln 1 b	ln 33 b
22	RX18B	ln 18 b	ln 2 b	ln 18 b	ln 50 b	ln 2 b	ln 34 b
23	RX19B	ln 19 b	ln 3 b	ln 19 b	ln 51 b	ln 3 b	ln 35 b
24	RX20B	ln 20 b	ln 4 b	ln 20 b	ln 52 b	ln 4 b	ln 36 b
25	RX21B	ln 21 b	ln 5 b	ln 21 b	ln 53 b	ln 5 b	ln 37 b
26	RX22B	ln 22 b	ln 6 b	ln 22 b	ln 54 b	ln 6 b	ln 38 b
27	RX23B	ln 23 b	ln 7 b	ln 23 b	ln 55 b	ln 7 b	ln 39 b
28	RX24B	ln 24 b	ln 8 b	ln 24 b	ln 56 b	ln 8 b	ln 40 b
29	RX25B	ln 25 b	ln 9 b	ln 25 b	ln 57 b	ln 9 b	ln 41 b
30	RX26B	ln 26 b	ln 10 b	ln 26 b	ln 58 b	ln 10 b	ln 42 b
31	RX27B	ln 27 b	ln 11 b	ln 27 b	ln 59 b	ln 11 b	ln 43 b
32	RX28B	ln 28 b	ln 12 b	ln 28 b	ln 60 b	ln 12 b	ln 44 b
33	RX29B	ln 29 b	ln 13 b	ln 29 b	ln 61 b	ln 13 b	ln 45 b

PIN	SIGNAL LABEL	DESCRIPTION					
		ALTERNATIVE					
		I	II	III		IV	
				32x2Mb/s	63x2Mb/s	32x2Mb/s	63x2Mb/s
34	RX30B	In 30 b	In 14 b	In 30 b	In 62 b	In 14 b	In 46 b
35	RX31B	In 31 b	In 15 b	In 31 b	In 63 b	In 15 b	In 47 b
36	RX32B	In 32 b	In 16 b	not used	not used	In 16 b	In 48 b
39	GND	Ground	Ground	Ground	Ground	Ground	Ground
40	TX1A	Out 17 a	Out 1 a	Out 17 a	Out 49 a	Out 1 a	Out 33 a
41	TX2A	Out 18 a	Out 2 a	Out 18 a	Out 50 a	Out 2 a	Out 34 a
42	TX3A	Out 19 a	Out 3 a	Out 19 a	Out 51 a	Out 3 a	Out 35 a
43	TX4A	Out 20 a	Out 4 a	Out 20 a	Out 52 a	Out 4 a	Out 36 a
44	TX5A	Out 21 a	Out 5 a	Out 21 a	Out 53 a	Out 5 a	Out 37 a
45	TX6A	Out 22 a	Out 6 a	Out 22 a	Out 54 a	Out 6 a	Out 38 a
46	TX7A	Out 23 a	Out 7 a	Out 23 a	Out 55 a	Out 7 a	Out 39 a
47	TX8A	Out 24 a	Out 8 a	Out 24 a	Out 56 a	Out 8 a	Out 40 a
48	TX9A	Out 25 a	Out 9 a	Out 25 a	Out 57 a	Out 9 a	Out 41 a
49	TX10A	Out 26 a	Out 10 a	Out 26 a	Out 58 a	Out 10 a	Out 42 a
50	TX11A	Out 27 a	Out 11 a	Out 27 a	Out 59 a	Out 11 a	Out 43 a
51	TX12A	Out 28 a	Out 12 a	Out 28 a	Out 60 a	Out 12 a	Out 44 a
52	TX13A	Out 29 a	Out 13 a	Out 29 a	Out 61 a	Out 13 a	Out 45 a
53	TX14A	Out 30 a	Out 14 a	Out 30 a	Out 62 a	Out 14 a	Out 46 a
54	TX15A	Out 31 a	Out 15 a	Out 31 a	Out 63 a	Out 15 a	Out 47 a
55	TX16A	Out 32 a	Out 16 a	not used	not used	Out 16 a	Out 48 a
59	GND	Ground	Ground	Ground	Ground	Ground	Ground
60	TX1B	Out 17 b	Out 1 b	Out 17 b	Out 49 b	Out 1 b	Out 33 b
61	TX2B	Out 18 b	Out 2 b	Out 18 b	Out 50 b	Out 2 b	Out 34 b
62	TX3B	Out 19 b	Out 3 b	Out 19 b	Out 51 b	Out 3 b	Out 35 b
63	TX4B	Out 20 b	Out 4 b	Out 20 b	Out 52 b	Out 4 b	Out 36 b
64	TX5B	Out 21 b	Out 5 b	Out 21 b	Out 53 b	Out 5 b	Out 37 b
65	TX6B	Out 22 b	Out 6 b	Out 22 b	Out 54 b	Out 6 b	Out 38 b
66	TX7B	Out 23 b	Out 7 b	Out 23 b	Out 55 b	Out 7 b	Out 39 b
67	TX8B	Out 24 b	Out 8 b	Out 24 b	Out 56 b	Out 8 b	Out 40 b
68	TX9B	Out 25 b	Out 9 b	Out 25 b	Out 57 b	Out 9 b	Out 41 b
69	TX10B	Out 26 b	Out 10 b	Out 26 b	Out 58 b	Out 10 b	Out 42 b
70	TX11B	Out 27 b	Out 11 b	Out 27 b	Out 59 b	Out 11 b	Out 43 b
71	TX12B	Out 28 b	Out 12 b	Out 28 b	Out 60 b	Out 12 b	Out 44 b
72	TX13B	Out 29 b	Out 13 b	Out 29 b	Out 61 b	Out 13 b	Out 45 b
73	TX14B	Out 30 b	Out 14 b	Out 30 b	Out 62 b	Out 14 b	Out 46 b
74	TX15B	Out 31 b	Out 15 b	Out 31 b	Out 63 b	Out 15 b	Out 47 b
75	TX16B	Out 32 b	Out 16 b	not used	not used	Out 16 b	Out 48 b
78	GND	Ground	Ground	Ground	Ground	Ground	Ground

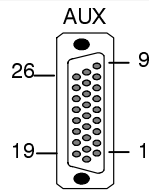
c(1-4)

SLOT	CONNECTOR NUMBER	SIGNAL NAME (output)	CONNECTOR NUMBER	SIGNAL NAME (input)
1,2	1	not used	5	TX MOST A LINE 1
	2	not used	6	RX MOST A LINE 1
	3	not used	7	TX MOST A LINE 0
	4	not used	8	RX MOST A LINE 0
3	not used			
4	1	TX TRIB 2	5	not used
	2	RX TRIB 2	6	not used
	3	TX TRIB 1	7	not used
	4	RX TRIB 1	8	not used
5	1	not used	5	not used
	2	not used	6	not used
	3	TX TRIB 2	7	not used
	4	RX TRIB 2	8	not used

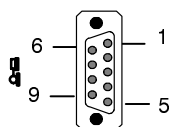
SLOT	CONNECTOR NUMBER	SIGNAL NAME (output)	CONNECTOR NUMBER	SIGNAL NAME (input)
6	1	not used	5	TX MOST B LINE 1
	2	not used	6	RX MOST B LINE 1
	3	not used	7	TX MOST B LINE 0
	4	not used	8	RX MOST B LINE 0
7	1	TX TRIB 3	5	TX MOST B LINE 1
	2	RX TRIB 3	6	RX MOST B LINE 1
	3	not used	7	TX MOST B LINE 0
	4	not used	8	RX MOST B LINE 0

g(1–8)

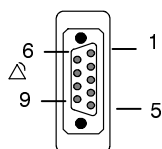
SLOT	CONNECTOR NUMBER	SIGNAL NAME (output)	CONNECTOR NUMBER	SIGNAL NAME (input)
1,2,3	not used			
4	1	not used	5	not used
	2	34Mb/s TX TRIB 1 port 3	6	34Mb/s RX TRIB 1 port 3
	3	34Mb/s TX TRIB 1 port 2	7	34Mb/s RX TRIB 1 port 2
	4	34Mb/s TX TRIB 1 port 1	8	34Mb/s RX TRIB 1 port 1
5	1	not used	5	not used
	2	34Mb/s TX TRIB 2 port 3	6	34Mb/s RX TRIB 2 port 3
	3	34Mb/s TX TRIB 2 port 2	7	34Mb/s RX TRIB 2 port 2
	4	34Mb/s TX TRIB 2 port 1	8	34Mb/s RX TRIB 2 port 1
6,7	not used			

a1, b1

PIN	SIGNAL NAME	DESCRIPTION
1	V11_DATA_TX_A_1	TX V11 64kbit/s channel 1 wire A (output)
2	V11_DATA_RX_A_1	RX V11 64kbit/s channel 1 wire A (input)
3	V11_CK_TX_A_1	TX clock channel 1 wire A (output)
4	V11_CK_RX_A_1	RX clock channel 1 wire A (output)
5	V11_DATA_TX_B_1	TX V11 64kbit/s channel 1 wire B (output)
6	V11_DATA_RX_B_1	RX V11 64kbit/s channel 1 wire B (input)
7	V11_CK_TX_B_1	TX clock channel 1 wire B (output)
8	V11_CK_RX_B_1	RX clock channel 1 wire B (output)
9	V11_DATA_TX_A_2	TX V11 64kbit/s channel 2 wire A (output)
10	V11_DATA_RX_A_2	RX V11 64kbit/s channel 2 wire A (input)
11	V11_CK_TX_A_2	TX clock channel 2 wire A (output)
12	V11_CK_RX_A_2	RX clock channel 2 wire A (output)
13	V11_DATA_TX_B_2	TX V11 64kbit/s channel 2 wire B (output)
14	V11_DATA_RX_B_2	RX V11 64kbit/s channel 2 wire B (input)
15	V11_CK_TX_B_2	TX clock channel 2 wire B (output)
16	V11_CK_RX_B_2	RX clock channel 2 wire B (output)
17	GND	Ground
18	G703_DATA_TX_1	TX G703 64kbit/s channel 1 (output)
19	G703_DATA_TX_1	TX G703 64kbit/s channel 1 (output)
20	G703_DATA_RX_1	RX G703 64kbit/s channel 1 (input)
21	G703_DATA_RX_1	RX G703 64kbit/s channel 1 (input)
22	GND	Ground
23	G703_DATA_TX_2	TX G703 64kbit/s channel 2 (output)
24	G703_DATA_TX_2	TX G703 64kbit/s channel 2 (output)
25	G703_DATA_RX_2	RX G703 64kbit/s channel 2 (input)
26	G703_DATA_RX_2	RX G703 64kbit/s channel 2 (input)

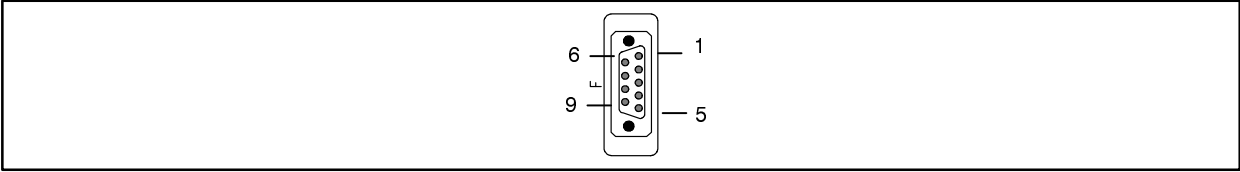
a3

PIN	SIGNALNAME	DESCRIPTION
1	GND	Ground
2	EF_TX_P1	TX EOW Analog extension (wire P)
3	EF_TX_M1	TX EOW Analog extension (wire M)
5	GND	Ground
6	EF_RX_P1	RX EOW Analog extension (wire P)
7	EF_RX_M1	RX EOW Analog extension (wire M)
9	GND	Ground

a4, b6

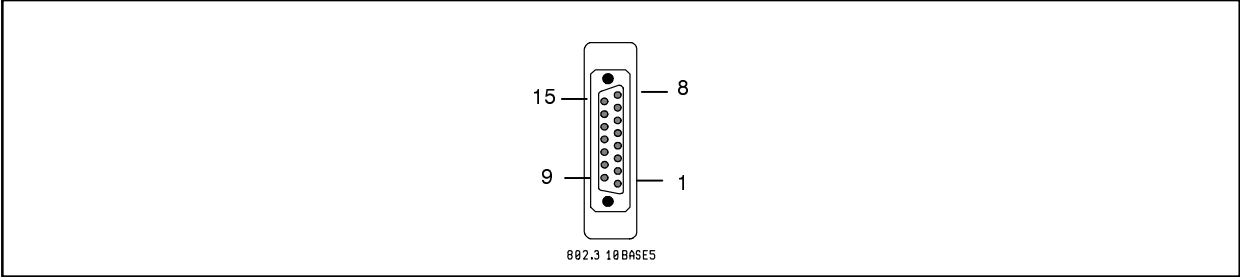
PIN	SIGNALNAME	DESCRIPTION
1	PVS	+ Vs Service voltage
2	MEM_OUT	Alarms acknowledge
3	CLG_OUT	Rack yellow led (right)
4	CLR_OUT	Rack red led (left)
5	CLV_OUT	Rack red led (middle)
6	MVS	- Vs Service voltage
7	CTS_RAU	Service call indication
9	Mechanical GND	Mechanical GND

a5, b3

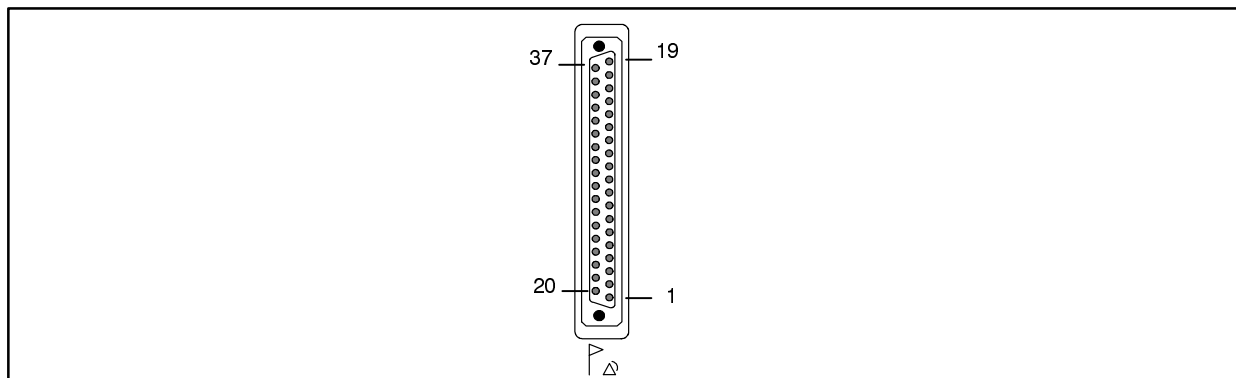


PIN	SIGNAL	DESCRIPTION
2	UART_TX	Data transmission
3	UART_RX	Data reception
5	GND	Ground

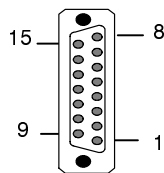
a6, b5



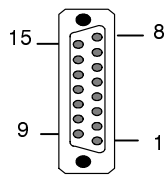
PIN	SIGNAL	DESCRIPTION
2	CIA_Q	Control IN A
3	DOA_Q	Data OUT A
5	DIA_Q	Data IN A
6	GND	Ground
9	CIB_Q	Control IN B
10	D0B_Q	Data OUT B
12	DIB_Q	Data IN B
13	12V_Q	+12 V power voltage

a7, b7

PIN	SIGNAL	DESCRIPTION	ALARM MANAGEMENT
1	EXT_OUT	External Alarm	(Single wire)
2	EXT_OUT_1	External Alarm wire no. 1	(Double wire)
3	EXT_OUT_2	External Alarm wire no. 2	(Double wire)
5	URG_OUT	Urgent Alarm	(Single wire)
6	URG_OUT_1	Urgent Alarm wire no. 1	(Double wire)
7	URG_OUT_2	Urgent Alarm wire no. 2	(Double wire)
9	INT_OUT	Internal Alarm	(Single wire)
10	INT_OUT_1	Internal Alarm wire no. 1	(Double wire)
11	INT_OUT_2	Internal Alarm wire no. 2	(Double wire)
16	NURG_OUT	Not Urgent Alarm	(Single wire)
17	NURG_OUT_1	Not Urgent Alarm wire no. 1	(Double wire)
18	NURG_OUT_2	Not Urgent Alarm wire no. 2	(Double wire)
20	IND_OUT	Indication Alarm	(Single wire)
21	SW_OUT_1	Presettable outgoing ground contact no. 1	(Single wire)
22	SW_OUT_2	Presettable outgoing ground contact no. 2	(Single wire)
23	SW_OUT_3	Presettable outgoing ground contact no. 3	(Single wire)
25	A_EXT_0	Ground contact input no. 1	
26	A_EXT_1	Ground contact input no. 2	
27	A_EXT_2	Ground contact input no. 3	
28	A_EXT_3	Ground contact input no. 4	
37	GND	Ground	

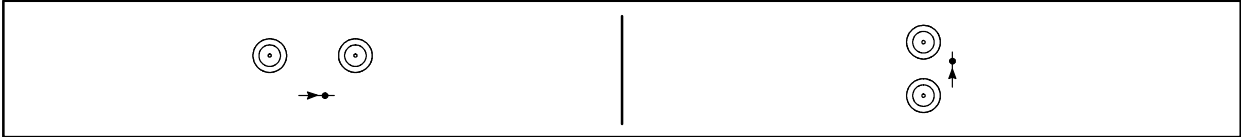
b2

PIN	SIGNAL	DESCRIPTION
2	DATA_TX_A	Data output (wire A)
4	DATA_RX_A	Data input (wire A)
6	CK_A	Timing signal (wire A)
9	DATA_TX_B	Data output (wire B)
11	DATA_RX_B	Data input (wire B)
13	CK_B	Timing signal (wire B)

b4

PIN	SIGNAL	DESCRIPTION
1	DATA_TX_A	Data output (wire A)
2	DATA_TX_B	Data output (wire B)
3	DATA_RX_A	Data input (wire A)
4	DATA_RX_B	Data input (wire B)
6	CK_A	Timing signal (wire A)
7	CK_B	Timing signal (wire B)

a(9–10), b(8–10)



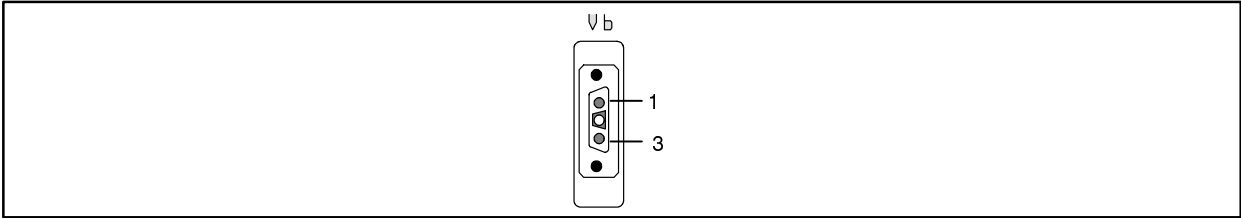
CONN.	SIGNAL	DESCRIPTION
a9 b11	CK IN 1	2048kHz kbit/s input n.1
a10 b10	CK IN 2	2048kHz kbit/s input n.2

a(8–11), b(8–9)

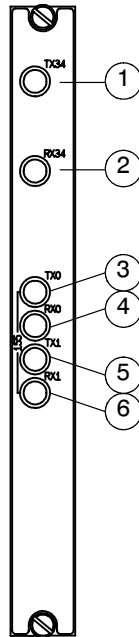


CONN.	SIGNAL	DESCRIPTION
a8 b8	CK IN 1	2048kHz kbit/s output n.1
a11 b9	CK IN 2	2048kHz kbit/s output n.2

c(1–2)

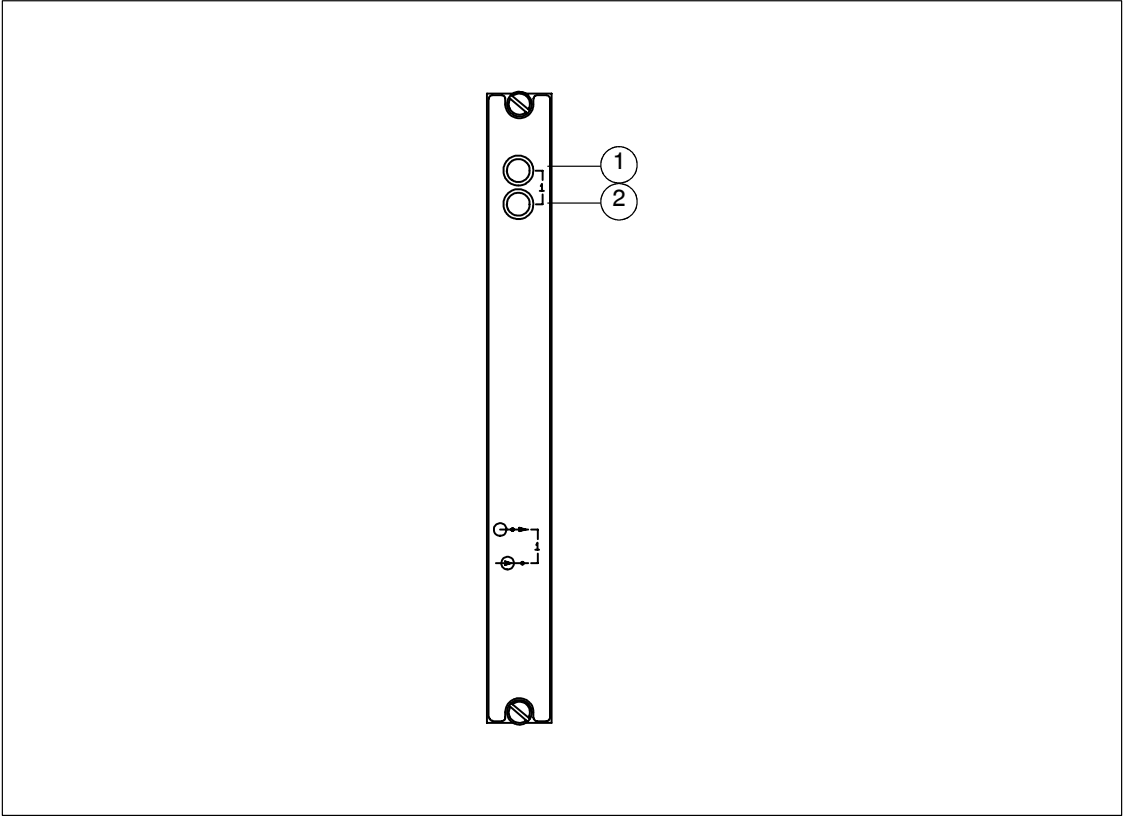


PIN	SIGNAL	DESCRIPTION
1	PB	Battery voltage (+) (male)
2		Not used (female)
3	M48V1	Battery voltage (–) (male)

h(1–6)

SLOT	CONNECTOR NUMBER	SIGNAL NAME (output)	CONNECTOR NUMBER	SIGNAL NAME (input)
1	1	34Mb/s TX MOST A	2	34Mb/s RX MOST A
	3	155Mb/s TX LINE 0 MOST A	4	155Mb/s RX LINE 0 MOST A
	5	155Mb/s TX LINE 1 MOST A	6	155Mb/s RX LINE 1 MOST A
7	1	34Mb/s TX MOST B	2	34Mb/s TX MOST B
	3	155Mb/s TX LINE 0 MOST B	4	155Mb/s RX LINE 0 MOST B
	5	155Mb/s TX LINE 1 MOST B	6	155Mb/s RX LINE 1 MOST B

i(1,2)



SLOT	CONNECTOR NUMBER	SIGNAL NAME (output)	CONNECTOR NUMBER	SIGNAL NAME (input)
1	1	140/155Mb/s TX	2	140/155Mb/s RX