
TA113

MDR68 Cable

**1.8m cable with two 68-pin male
MDR type connectors**

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User Manual

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TA113-10R MDR68 Terminal Block

1.8m cable with two 68-pin male MDR type connectors

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Style Conventions

Hexadecimal characters are specified with prefix 0x, i.e. 0x029E (that means hexadecimal value 029E).

For signals on hardware products, an 'Active Low' is represented by the signal name with # following, i.e. IP_RESET#.

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1 Product Description

The TA113 is a 68-pin cable that provides a direct connection to the TEWS product range with MDR68 type connectors in the front panel (for example TXMC633, TXMC590 and more). It establishes a one to one connection between the MDR68 type connectors at both sides of the shielded cable. Always two wires are constructed as twisted pairs (1 and 35, 2 and 36, ..., 34 and 68).

The length of the cable is at least 1.8m.

The permissible maximum voltage for the TA113 is 30V DC.

In combination with a TA207 MDR68 Terminal Block, the TA113 cable is perfectly suited for prototyping and also for series production.

2 Cable Pin Assignment

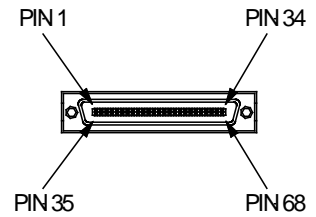
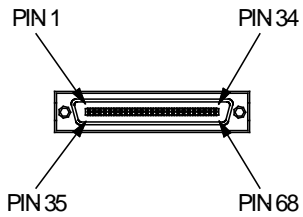
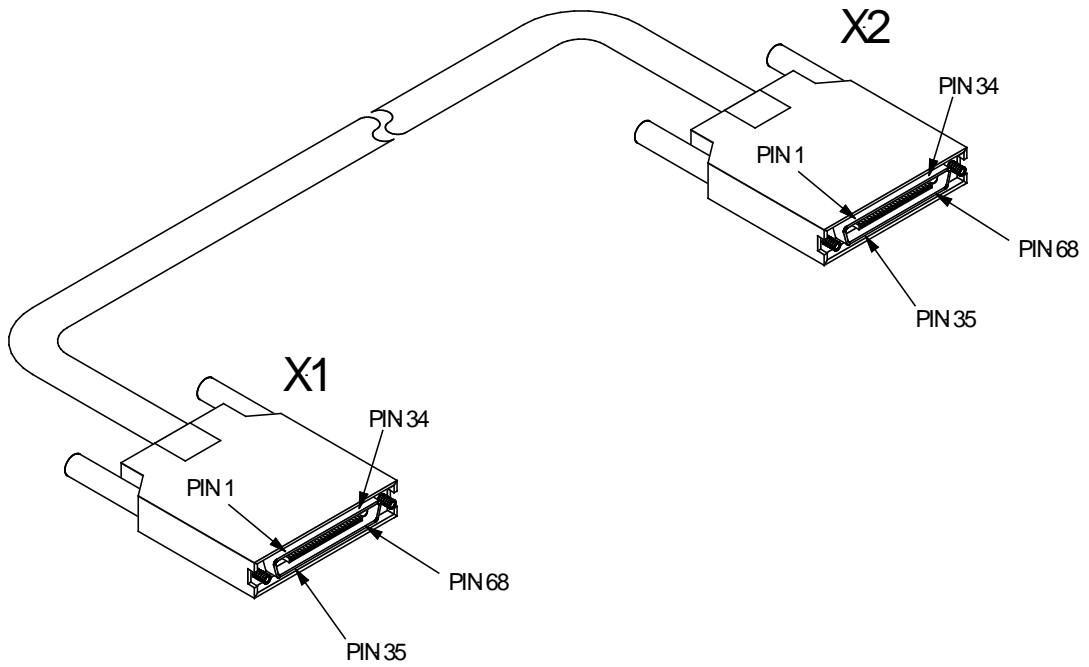
The cable provides a one to one connection between the MDR68 connectors X1 and X2.

The “∞” symbol denotes the wires that are constructed as twisted pairs.

MDR68 #1 Pin	MDR68 #2 Pin		MDR68 #1 Pin	MDR68 #2 Pin
1	1	∞	35	35
2	2	∞	36	36
3	3	∞	37	37
4	4	∞	38	38
5	5	∞	39	39
6	6	∞	40	40
7	7	∞	41	41
8	8	∞	42	42
9	9	∞	43	43
10	10	∞	44	44
11	11	∞	45	45
12	12	∞	46	46
13	13	∞	47	47
14	14	∞	48	48
15	15	∞	49	49
16	16	∞	50	50
17	17	∞	51	51
18	18	∞	52	52
19	19	∞	53	53
20	20	∞	54	54
21	21	∞	55	55
22	22	∞	56	56
23	23	∞	57	57
24	24	∞	58	58
25	25	∞	59	59
26	26	∞	60	60
27	27	∞	61	61
28	28	∞	62	62
29	29	∞	63	63
30	30	∞	64	64
31	31	∞	65	65
32	32	∞	66	66
33	33	∞	67	67
34	34	∞	68	68

Table 2-1 : TA113 Cable Pin Assignment

3 Assembly Drawing



Detail Pin Assignment : X1

Detail Pin Assignment : X2

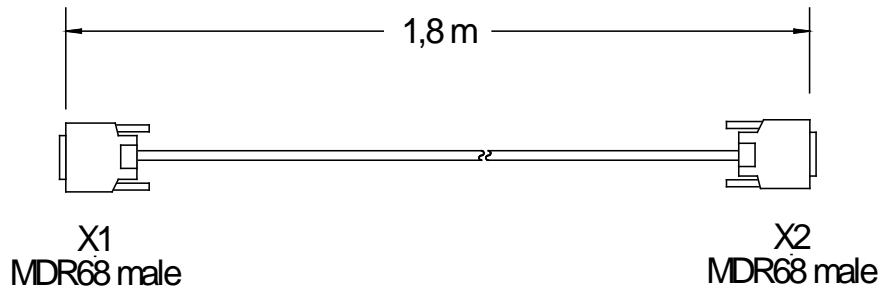


Figure 3-1 : TA113 Assembly Drawing