

TA203-10 HD68 Terminal Block

68 pin terminal block with 68 pin female

SCSI-3 type connector

Version 1.0

User Manual

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connector



Issue	Description	Date	
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1.1 New address TEWS LLC		September 2006	



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1 **Product Description**

The TA203-10 is used as a standard interface for a switch cabinet to connect a lot of TEWS modules with other system devices. The HD68 Terminal Block is therefore an essential wiring interface for prototyping and in the same way for machine and peripheral equipment.

Cable connection is designed to use a standard HD68 cable with 68 pin male SCSI-3 type connector. The screw connections of the used terminal block have a nominal cross section of 2.5 mm².

The TA203-10 has a universal socket and may simply mount on standard EM mounting rails as a compact terminal strip.

An additional screw connector provides a possibility to connect the shield of the 68pin male SCSI-3 type connector to external case ground.



2 HD68 Terminal Block Pin Assignment

Terminal X2 female SCSI-3 1 1 2 2 3 3 4 4 3 3 5 5 6 6 7 7 4 4 38 38 5 5 9 9 9 9 43 43 10 10 11 11 14 44 41 41 8 8 42 42 9 9 43 43 10 10 14 14 14 14 14 14 14 14 15 15 16 16 16 16 16 16 17 17 18 18 22 22 <th></th> <th>×0</th> <th></th> <th>×0</th>		×0		×0
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3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 9 10 10 11 12 12 13 11 16 16 20 20 21 21 21 21 22 25 25 25 59 59 26 2				
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7788991010111111111212121213131414141415151616171718182020212122222424252526262929292933333333	5	5	39	39
8 8 99101011111111121212121313141415151616171718182020212122222323242425252626272726262929303031313333	6	6	40	40
99101011111111121212121313141415151616171718182020212122222323242425252626272728282929303031313333	7	7	41	41
10 10 44 44 11 11 11 45 45 12 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 21 55 22 22 22 23 23 57 57 24 24 58 58 25 25 60 60 27 27 61 61 28 28 62 62 29 29 29 63 63 31 31 31 65 65 32 32 32 66 66	8	8	42	42
11 11 45 45 12 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 21 55 22 22 22 23 23 57 24 24 58 58 25 25 59 59 26 26 60 60 27 27 61 61 28 28 62 62 29 29 29 63 63 30 30 30 64 64 31 31 31 65 65 32 32 32 66 66	9	9	43	43
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 21 55 55 22 22 22 56 56 23 23 23 57 57 24 24 24 58 58 25 25 60 60 60 27 27 61 61 61 28 28 28 62 62 29 29 29 63 63 30 30 30 64 64 31 31 31 65 65 32 32 32 66 66	10	10	44	44
1313474714144848151549491616505017175151181852521919535320205454212155552222265623235757242458582525595926266060272761612828626229296363303030643131316533336767	11	11	45	45
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 21 55 22 22 22 23 23 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 30 64 31 31 31 65 32 32 32 66	12	12	46	46
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 21 55 22 22 22 23 23 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 31 65 65 32 32 32 67 67	13	13	47	47
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 25 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 31 65 65 32 32 32 33 67	14	14	48	48
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19	19	53	53
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	20	54	54
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21	21	55	55
24 24 25 25 26 26 27 27 28 28 29 29 30 30 31 31 32 32 33 33	22	22	56	56
25 25 26 26 27 27 28 28 29 29 30 30 31 31 32 32 33 33	23	23	57	57
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	24	24	58	58
27 27 28 28 29 29 30 30 31 31 32 32 33 33	25	25	59	59
28 28 62 62 29 29 63 63 30 30 64 64 31 31 65 65 32 32 66 66 33 33 67 67	26	26	60	60
29 29 63 63 30 30 64 64 31 31 65 65 32 32 66 66 33 33 67 67	27	27	61	61
30 30 64 64 31 31 65 65 32 32 66 66 33 33 67 67	28	28	62	62
31 31 65 65 32 32 66 66 33 33 67 67	29	29	63	63
32 32 66 66 33 33 67 67	30	30	64	64
<u>33</u> <u>33</u> <u>67</u> <u>67</u>	31	31	65	65
	32	32	66	66
34 34 68 68	33	33	67	67
	34	34	68	68

Figure 2-1 : HD68 Terminal Block Pin Assignment

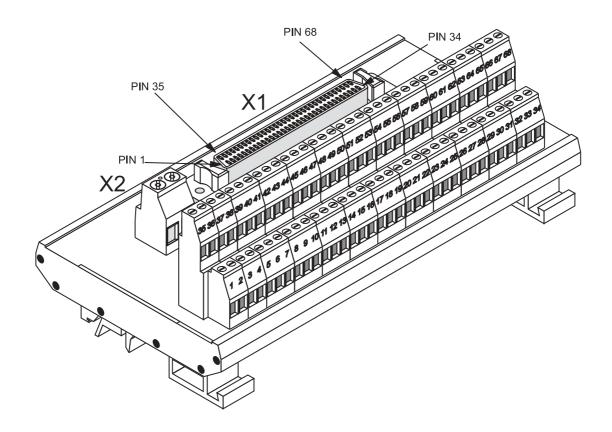


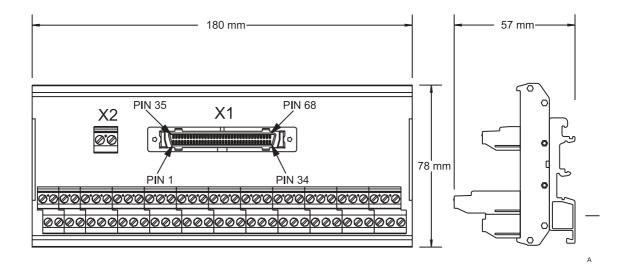
X2 Terminal Block	X1 female SCSI-3
1	Case ground / shield
2	Case ground / shield

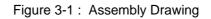
Figure 2-2 : Case Ground Terminal Block Pin Assignment



3 Assembly Drawing







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