

TA201

HD50 Terminal Block

**50 pin terminal block with
50 pin female SCSI-2 type connector**

Version 1.0

User Manual

Issue 1.0.4

June 2013

TA201-10R HD50 Terminal Block

50 pin terminal block with 50 pin female SCSI-2 type connector

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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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Issue	Description	Date
1.0	First Issue	April 2005
1.1	New address TEWS LLC	September 2006
1.0.2	Extension "Product Description"	January 2011
1.0.3	Assembly Drawing correction	June 2012
1.0.4	Assembly Drawing correction	June 2013

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1 Product Description

The TA201 is used as a standard interface for a switch cabinet to connect a lot of TEWS modules with other system devices. The HD50 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 HD50 cable with 50pin male SCSI-2 type connector. The screw connections of the used terminal block have a nominal cross section of 2.5 mm².

The permissible maximum voltage for the TA201 is 30V DC.

The TA201 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 50 pin male SCSI-2 type connector to external case ground.

2 HD50 Terminal Block Pin Assignment

Terminal Block	X1 female SCSI-2	Terminal Block	X1 female SCSI-2
1	1	26	26
2	2	27	27
3	3	28	28
4	4	29	29
5	5	30	30
6	6	31	31
7	7	32	32
8	8	33	33
9	9	34	34
10	10	35	35
11	11	36	36
12	12	37	37
13	13	38	38
14	14	39	39
15	15	40	40
16	16	41	41
17	17	42	42
18	18	43	43
19	19	44	44
20	20	45	45
21	21	46	46
22	22	47	47
23	23	48	48
24	24	49	49
25	25	50	50

Table 2-1 : HD50 Terminal Block Pin Assignment

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

Table 2-2 : Case Ground Terminal Block Pin Assignment

3 Assembly Drawing

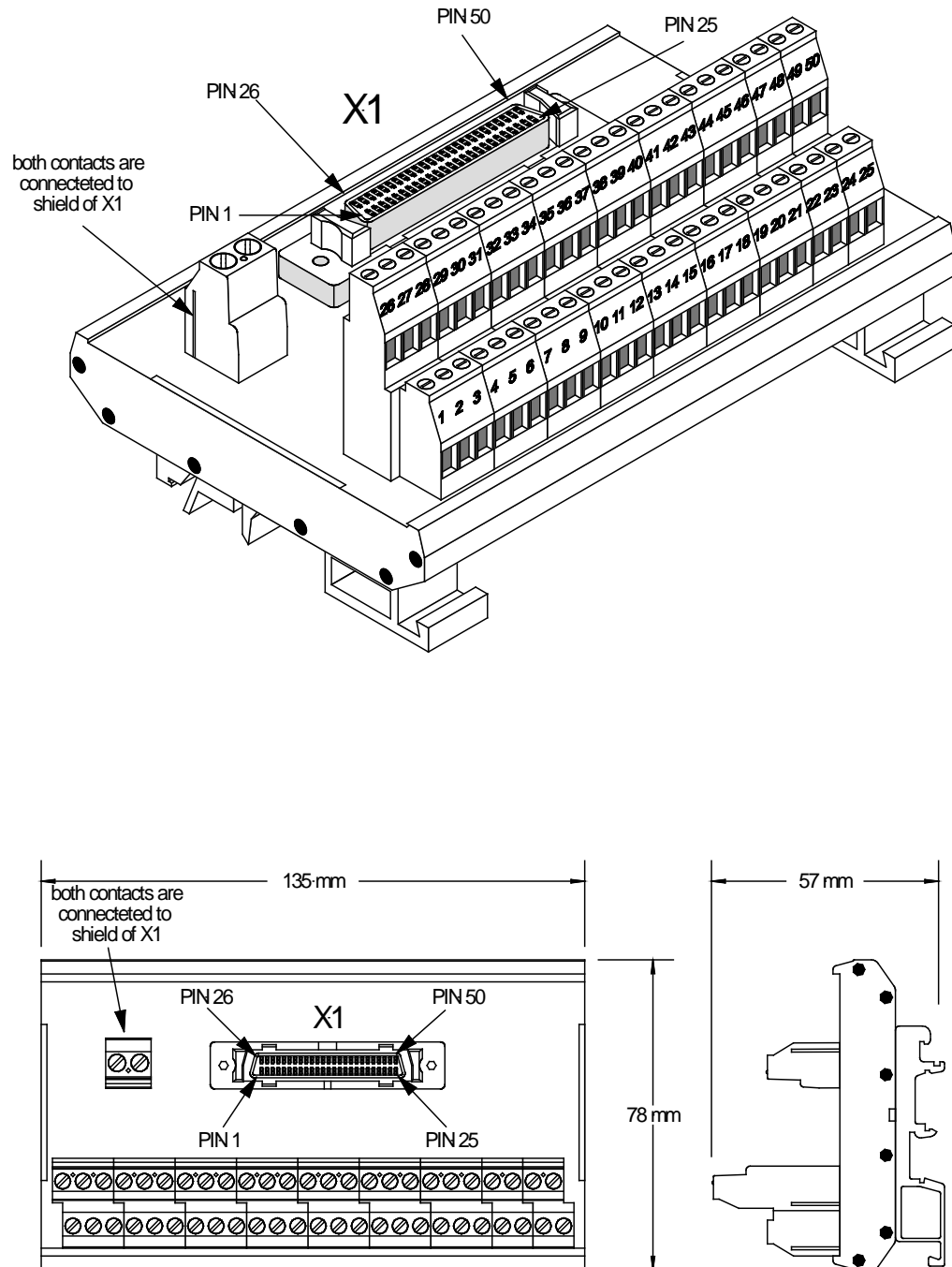


Figure 3-1 : TA201 Assembly Drawing