The Embedded I/O Company

T E C H N O L O G I E S

TA303 Cable Kit

Cable Kit for TEWS modules with DB25 Female Connector

Version 1.0

User Manual

Issue 1.0.3

June 2013

TA303-10R Cable Kit

Cable Kit for TEWS modules with DB25 Female Connector

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#.

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	New Hardware Version with new Assembly Drawing	June 2013

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1 Product Description

The TA303 combines the TA202-10 DB25 Terminal Block and the TA103-10 DB25 M/M Cable. It is used to build a standard interface for a switch cabinet to connect a lot of TEWS modules with other system devices. The DB25 Cable Kit is therefore an essential wiring interface for prototyping and in the same way for machines and peripheral equipment.

The DB25 Cable connection could be used for modules with standard DB25 female connectors. At both sides of the cable 50pin male SCSI-2 connectors are mounted which provide a direct connection to a lot of TEWS products (for example TPMC550, TPMC551, TPMC860, TPMC917 and more).

The permissible maximum voltage for the TA303 is 30V DC.

The DB25 Terminal Block has a universal socket and may simply mount on standard EM mounting rails as a compact terminal strip. Screw connections of the used terminal block have a nominal cross section of 2.5 mm^2.

2 DB25 Terminal Block Pin Assignment

Terminal Block	X2 DB25 male
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25

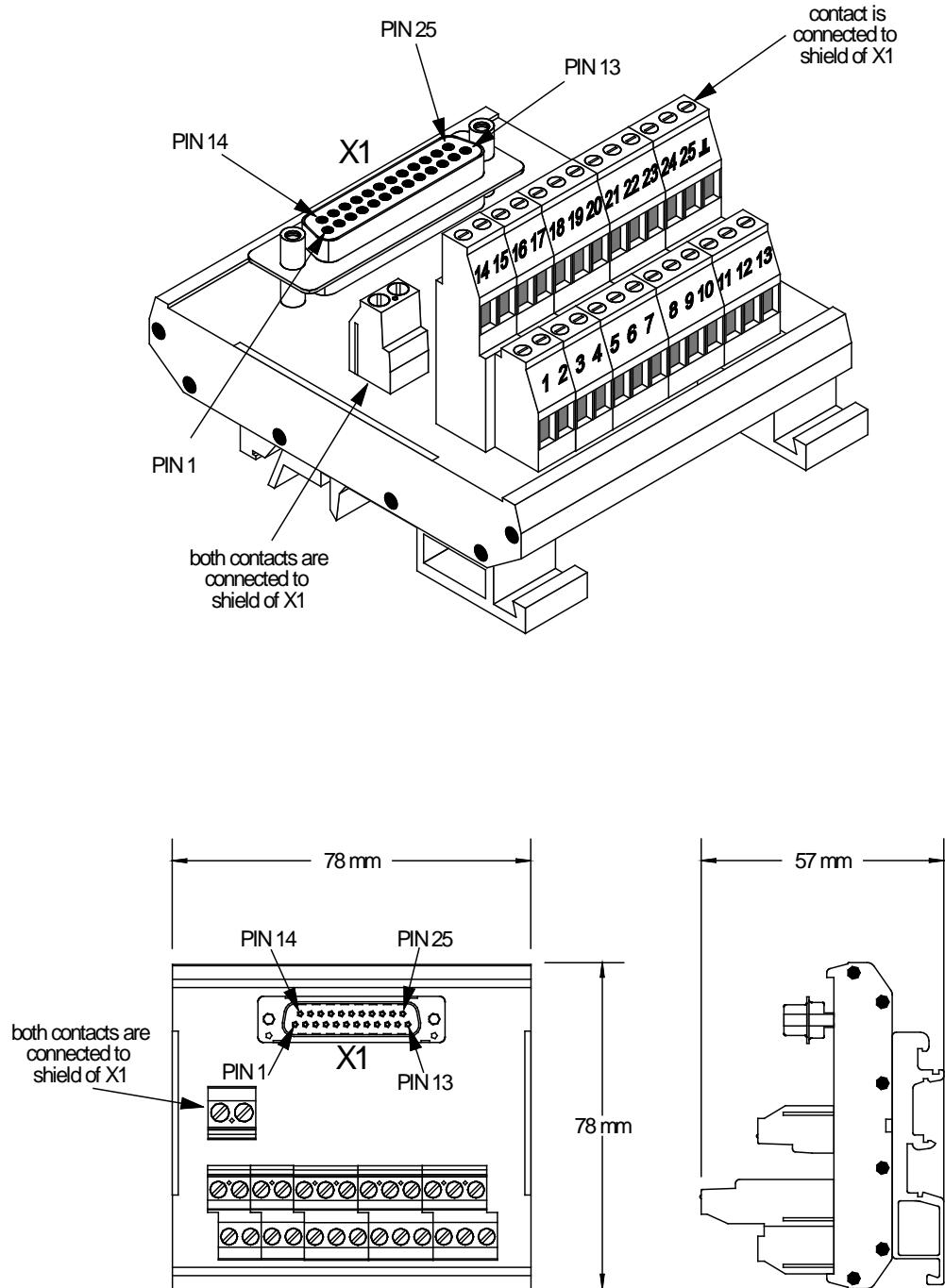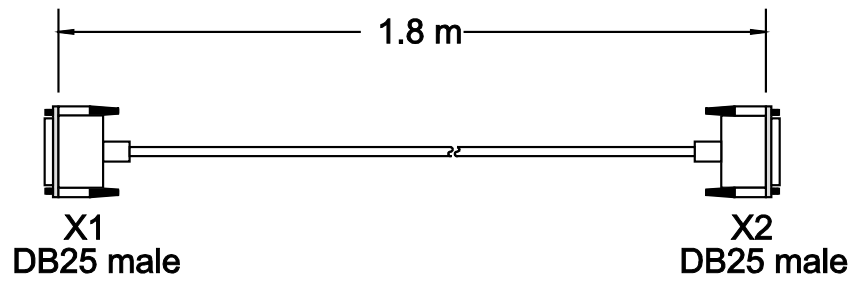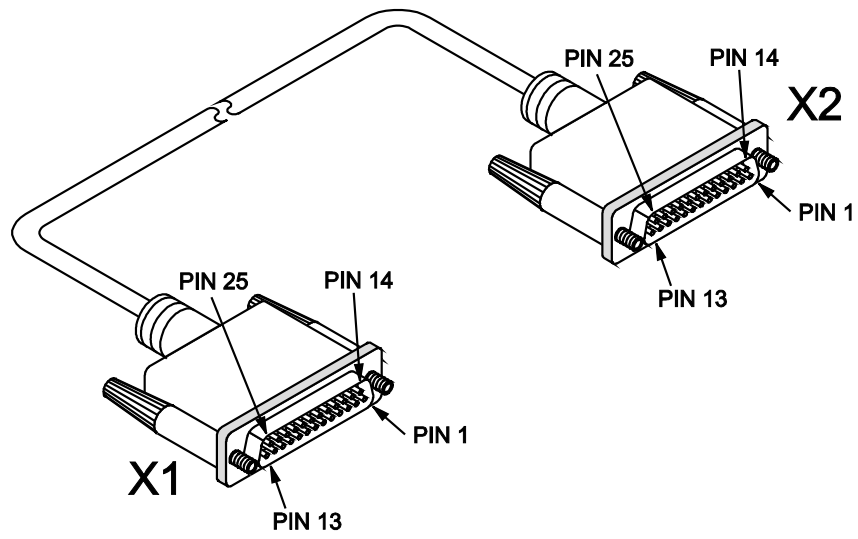Table 2-1 : Pin Assignment TA303

3 Assembly Drawing

Figure 3-1 : Terminal block Assembly Drawing

Figure 3-2 : Cable Assembly Drawing