
Screw Terminal (M3 x 68)

EPD-68A User's Guide

CONTEC CO.,LTD.

Thank you for purchasing the EPD-68A Screw Terminal.

The product is a general purpose terminal fastened with screws, which relays the I/O wirings of CONTEC interface board/card or card with a 68-pin 0.8mm-pitch connector.

The pins in connector correspond to their respective terminals on the terminal strips on a one-to-one basis, allowing you to easily connect the board/card to an external device via the terminal strips.

Note: To connect a board/card to the accessory, you need the separately priced option cable.

Features

- Up to 68 signal lines can be connected.
- A signal line from an external device can be connected to the terminal simply by using screws.
- Equipped with the "Spring-up" type terminal to prevent the terminal screws from being lost.
- The optional cable can be used to connect easily to the board/card.
- Optimized configuration of board wiring
- Signal banks can be mounted on DIN rails.

Product Configuration

This product is configured as follows. Be sure you have received all of the components listed. If any components are missing or broken, contact the store where you purchased this product.

Your registration card is essential for us to notify our customers of new products. Be sure to fill it out completely and return it.

- EPD-68A main unit...1
- User's Guide (this document)...1



CAUTION

The option cable is not appended to the interface board/card and this product. Cable differs according to board/card used. Be sure to check the manual or visit the CONTEC's Web site to buy an appropriate one.

External View and Dimensions

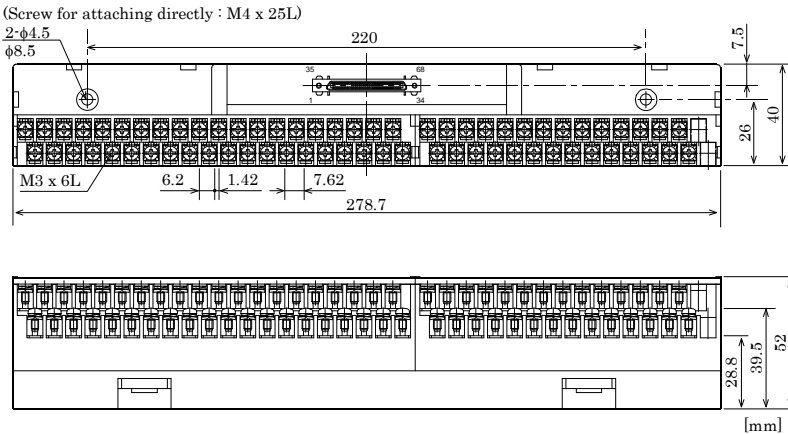


Figure 1. External View and Dimensions

EPD-68A Connections

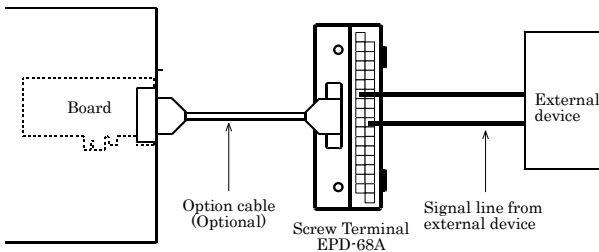


Figure 2. EPD-68A Connections

- (1) Connect the interface board/card and the terminal unit using the separately available option cable.
- (2) Identify the destination for connection on the terminal unit and connect the signal line from the external equipment. You can provide connection easily just by tightening the screws.

Wiring Diagram

Terminal No.		Connector Pin No.		Terminal No.		Connector Pin No.
35		35		55		55
1		1		21		21
36		36		56		56
2		2		22		22
37		37		57		57
3		3		23		23
38		38		58		58
4		4		24		24
39		39		59		59
5		5		25		25
40		40		60		60
6		6		26		26
41		41		61		61
7		7		27		27
42		42		62		62
8		8		28		28
43		43		63		63
9		9		29		29
44		44		64		64
10		10		30		30
45		45		65		65
11		11		31		31
46		46		66		66
12		12		32		32
47		47		67		67
13		13		33		33
48		48		68		68
14		14		34		34
49		49				
15		15				
50		50				
16		16				
51		51				
17		17				
52		52				
18		18				
53		53				
19		19				
54		54				
20		20				

Figure 3. Wiring Diagram

Specifications

Table 1. Specifications

Item	Specification
Rated insulative voltage	30VAC rms
Rated current	0.3A
Compatible wiring	1.25mm ² (Max.) (stranded)
Insulative resistance	100VDC 500MΩ or later (Between terminals) 500VDC 1000MΩ or later (Relative to earth)
Voltage resistance	250VAC 60Hz One minute (Between terminals) 1000VAC 60Hz One minute (Relative to earth)
Connector	HDRA-EC68FDT+ (mfd. by HONDA) equivalent
Compatible rail	35mm (wide) DIN rail
Operating conditions	0 - 50°C, 10 - 90%RH (no condensation)
Weight	380g

CAUTION

- CONTEC will bear no responsibility for any problems, etc., resulting from modifying this product.
- Do not strike or bend the product. Otherwise, the product may malfunction, overheat, cause a failure or breakage.
- The foreign body (the metal piece, the combustible, and liquid, etc.) must not touch the product. Otherwise, the product may malfunction, overheat or cause a failure.
- The specifications of this product are subject to change without notice for quality improvement. Even when using the product continuously, be sure to read the manual and understand the contents.
- Regardless of the foregoing statement, CONTEC assumes no responsibility for any errors that may appear in this document or for any results of using the product.
- Brand and product names are trademarks of their respective holder.
- All relevant issues have been considered in the preparation of this document. Should you notice an omission or any questionable item in this document, please feel free to notify CONTEC CO., LTD.

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