



Secure Power Switch I/O Extension Module





This product carries the CE mark to indicate compliance with the European Directive on Electromagnetic Compatibility (89/336/EEC). It has been tested to EN55024:1998 and EN55022:1998.



I/O Extension Module

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1. Description

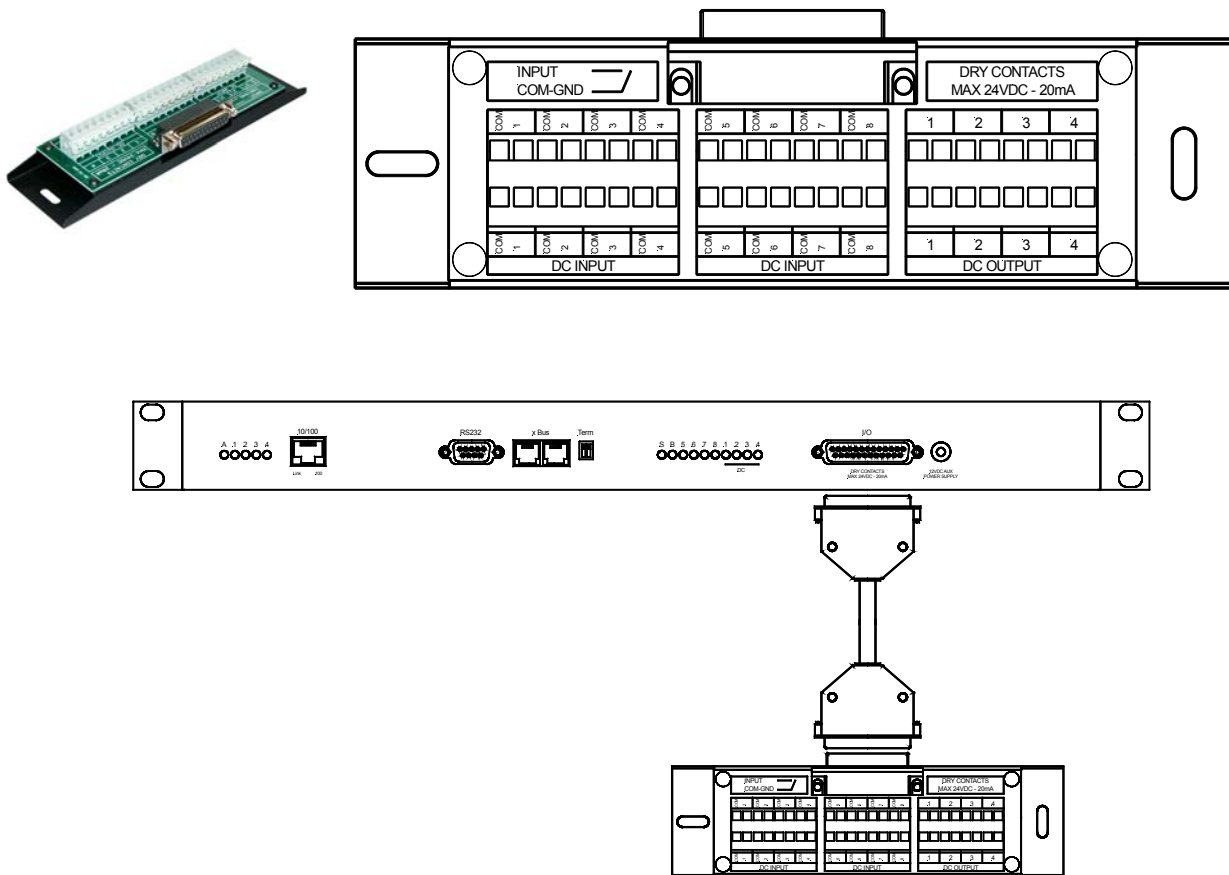
The Secure Power Switch I/O extension module is intended to be connected to the I/O connector (SUB-D25 female) on the front panel of the Secure Power Switch PSE518MA.

1.1 Package list

The following items are included:

- ❑ 1 Power Switch I/O Extension Board
- ❑ 1 SUB-D 25 points male/male cable, length 1.80 Meters
- ❑ Printed user guide

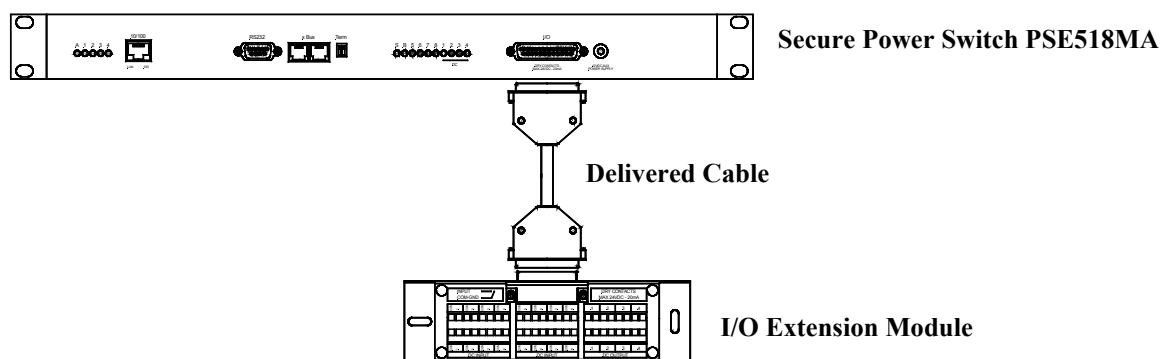
1.2 Diagram



2. Installation

2.1 Connection

Use the delivered cable to connect the I/O extension module to the I/O connector on the front panel of your Secure Power Switch PSE518MA.



2.2 Testing the installation of the I/O Extension Module

Start your browser and go to the configuration page using the administrator account.

Example: <https://192.168.1.250/sysadmin.htm>

Click on the **Misc** tab then on the **I/O Satus** tab.

The screenshot shows the 'Secure Power Switch' configuration interface. The 'Misc' tab is selected, and the 'I/O Status' sub-tab is active. The 'I/O Status' section contains two tables. The first table shows the status of the I/O Extension Module, which is currently 'Disconnected'. The second table shows the status of various dry contact inputs and outputs.

Id	Type	Status
100	I/O Extension Module	Disconnected

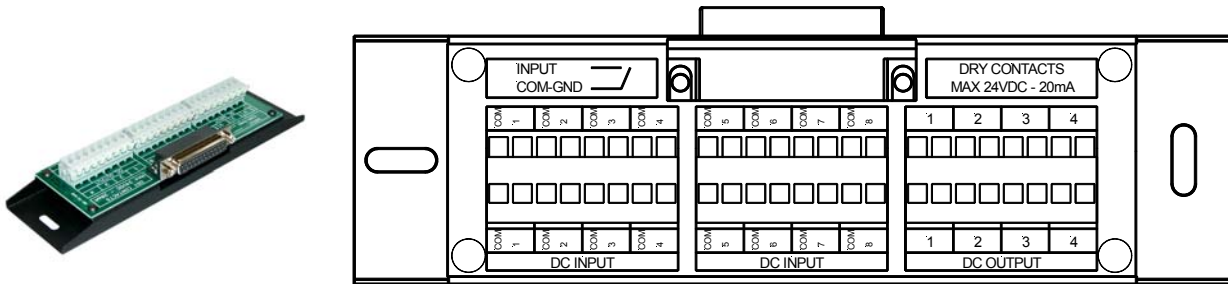
Id	Type	Status
001	Dry Contact Output	Closed
002	Dry Contact Output	Closed
003	Dry Contact Output	Closed
004	Dry Contact Output	Closed
101	Dry Contact Input	Open
102	Dry Contact Input	Open
103	Dry Contact Input	Open
104	Dry Contact Input	Open
105	Dry Contact Input	Open
106	Dry Contact Input	Open
107	Dry Contact Input	Open
108	Dry Contact Input	Open

LOGOUT

The status of the I/O Extension Module must be **Connected** as shown on the figure above, otherwise check your cable.

Note: you will be able to create a rule (Settings/Rules tab) which can control some actions (for ex. sending an Email, sending a message to a Syslog server, switch On a Power Outlet) if this I/O Extension Module is disconnected.

3. Connecting external contacts



The Secure Power Switch 8XM offers 8 inputs and 4 relay outputs.

Important Notes

- Do NOT exceed 24VDC - 20 mA
- Maximal length per I/O: 10 Meters

Pinout of the connector

The pinout is also printed on the PCB of the I/O Extension Module
 Connector type : SUB-D 25 Female Connector

- 1 Dry Contact Input 1
- 2 Dry Contact Input 2
- 3 Dry Contact Input 3
- 4 Dry Contact Input 4
- 5 Dry Contact Input 5
- 6 Dry Contact Input 6
- 7 Dry Contact Input 7
- 8 Dry Contact Input 8
- 9 Control pin (presence of the I/O Extension module)
- 10 & 22 Dry Contact Output 1
- 11 & 23 Dry Contact Output 2
- 12 & 24 Dry Contact Output 3
- 13 & 25 Dry Contact Output 4
- 14 to 21 GND

Note

After having connected your external dry contacts to the I/O Extension Module, we suggest to test your installation before setting the rules (Settings/Rules tab).

- Start your browser and go to the configuration page using the administrator account.
 Example: <https://192.168.1.250/sysadmin.htm>
- Click on the **Misc** tab then on the **I/O Status** tab and take a look to the status of the dry contacts indicated in the I/O status page
- Operate your external dry contacts, click on the **I/O Status** tab again to refresh the page and check if the status changed otherwise check your wiring and connections.

