

Daqstation DX2000 Operation Guide

Please note the following alterations to the IM 04L42B01-02E.

Addition of Functions 1

The following functions have been added to products of firmware version 1.11 and later.

- A display language of Japanese, English, German, French, or Chinese can be selected.
- 10s, 20s, and 30s have been added to the choices for the retry interval when performing Modbus communications via Ethernet.

Page 73 “Environment > Operating environment”

Setup Item	Selectable Range or Selections	Default Value	Setting
Language	English/Japanese/German/French/Chinese	English	

Page 78 “Communication (Ethernet) > Modbus client”

Setup Item	Selectable Range or Selections	Default Value	Setting
Basic settings > Retry interval	Off/10s/20s/30s/1min/2min/5min/.....	2min	

Addition of Functions 2

DC/AC 24 V power supply input options (/P1 and /H5) have been added.

Page 5 “MODEL and SUFFIX Code”

- | | | |
|---------|-----|----------------------------------------------------------------------------------------|
| Options | /P1 | DC/AC 24 V power supply |
| | /H5 | Desktop type. Can only be specified if /P1 is also specified. Power cord not included. |

Page 60 “Power Supply Wiring”

WARNING

- Make sure to provide a power switch (double-pole type) on the power supply line in order to separate the DX from the main power supply. Put an indication on this switch as the breaker on the power supply line for the DX and indications of ON and OFF.

Switch specifications

Steady-state current rating: 3 A or more (for /P1 model).

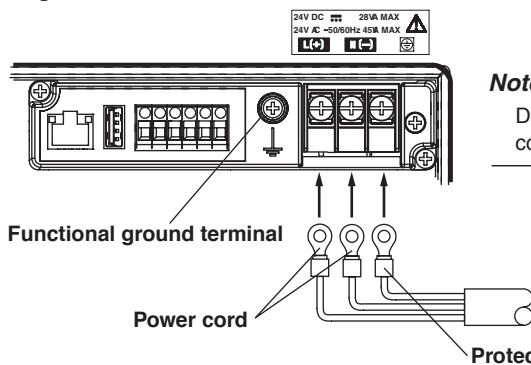
Inrush current rating: 70 A or more (for /P1 model).

Use a switch complies with IEC60947-1, 3.

Use a power supply that meets the following conditions:

Item	Condition (for /P1 model)
Rated power supply	24 VDC/AC
Allowable power supply voltage range	21.6V to 26.4 VDC/AC
Rated power supply frequency	50/60 Hz (for AC)
Allowable power supply frequency range	50/60 Hz±2% (for AC)
Maximum power consumption	45 VA (for DC), 70VA (for AC)

Wiring Procedure



Note

Do not wire the protective grounding cord to the functional ground terminal.

Page 10 “Door lock key (included)”

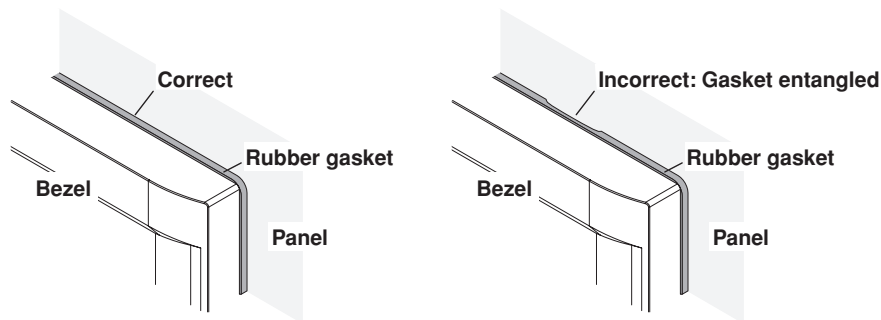
Insert the pin in the left hole to lock. Insert the pin in the right hole to unlock.

Page 50 “Installation Procedure (Panel Mount Type)”

Note the following addition.

CAUTION

Make sure the rubber gasket is affixed so that it does not become entangled between the main unit and the panel. Affixing the gasket incorrectly will result in failure to achieve sufficient dust and water proof performance.



Page 67 “Math channel > Calculation expression, Alarm”

Setup Item	Selectable Range or Selections	Default Value	Setting
Math range > Span Lower	-9999999 to 99999999, decimal position: 0 to 4	<u>-200.00</u>	
Math range > Span Upper	-9999999 to 99999999, decimal position: 0 to 4	<u>200.00</u>	

Page 69 “Ext. channel > Range, Alarm”

Setup Item	Selectable Range or Selections	Default Value	Setting
Ext. range > On/Off	On/Off	Off	
Ext. range > Span Upper	-30000 to 30000, decimal position: 0 to 4	<u>200.00</u>	

Page 72 “Data save > Save directory”

Setup Item	Selectable Range or Selections	Default Value	Setting
Directory name	<u>20</u> characters or less	DATA0	

Page 72 “Data save > Event data”

Setup Item	Selectable Range or Selections	Default Value	Setting
Trigger signal > Event Action	On/Off	Off	

Page 74 “Environment > Service port”

The following changes have been made from firmware version 1.21.

Setup Item	Selectable Range or Selections	Default Value	Setting
FTP	<u>1</u> to 65535	21	
HTTP	<u>1</u> to 65535	80	
SNTP	<u>1</u> to 65535	123	
Modbus	<u>1</u> to 65535	502	

Page 77 “Communication (Ethernet) > E-Mail”

Setup Item	Selectable Range or Selections	Default Value	Setting
Scheduled settings E-Mail Recipients and Transmission time	00:00 to <u>23:59</u>	00:00	

Page 78 “Communication (Ethernet) > FTP client”

Setup Item	Selectable Range or Selections	Default Value	Setting
SNTP client > Access reference time	00:00 to <u>23:59</u>	00:00	

Page 78 “Communication (Ethernet) > Modbus client”

Setup Item	Selectable Range or Selections	Default Value	Setting
Modbus server settings > Unit		
Modbus server settings > No.	0 to 255	1	