[AB023-C1L Simple Manual]

■**CC-Link Connection terminal**

Type : MVSTBW2.5/5-STF-5.08
(Manufactured by Phoenix Contact)
Connectable electric wire: 0.2 - 2.5mm² (AWG24 – 12)
Tightening Torque：0.5 - 0.6N・m

Terminals	Signals	Line color
DA	Communication cable	Blue
DB	Communication cable	White
DG	Communication cable ground	Yellow
SLD	Communication cable shield	-
FG	Frame ground	-

SLD and FG are connected inside the unit.
Wire cables as directed by CC-Link.

■**Sho-haisen Bus MODE (transmission points) setting**

SW-2, 1 Set transmission points by ON/OFF of SW-1 or 2. (=number of occupied bytes)
SW-3 -6 Use when the setting is OFF.

MODE setting switch		Number of transmission (point)			Number of CC-Link occupied points
1	2	Input	Output	Total	
OFF	OFF	256	256	512	4
ON	OFF	192	192	384	3
OFF	ON	128	128	256	2
ON	ON	64	64	128	1

Switches for selection of number of Sho-haisen Bus transmission points
Number of CC-Link occupied points may vary by number of selected points.
See section 8 in System setup Guide

■**Sho-haisen Bus Connection Terminal**
8-pole M3 screw terminal board
Connectable electric wire: AWG22 - 14
Tightening Torque：0.8N・m

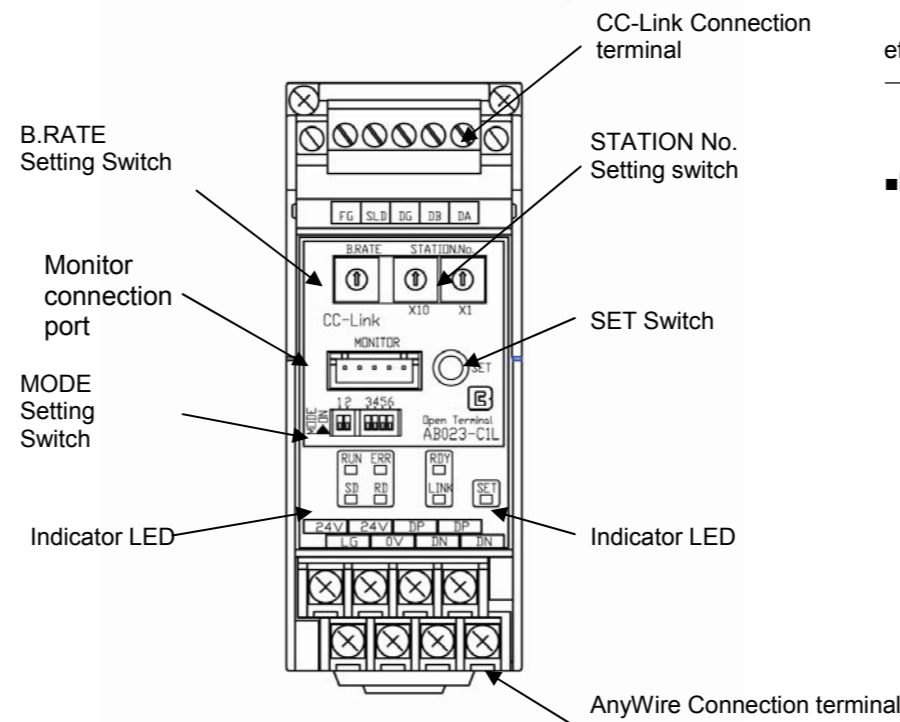| 24V	DC24V stabilized power supply
0V	35mA × number of connecting A027XB−02G2−P＋200mA］× the capacity must be more than 1.3 × 24.
DP	Transmission line – positive side
DN	Transmission line – negative side
LG	Connected to the neutral point of the noise filter. Ground if any malfunctions due to the 24V related power source noise are experienced. In such cases, set by singly-D class grounding (Third-grade Grounding).

■**CC-Link B.RATE**

B.RATE Switch	Communication Speed
0	156Kbps
1	625Kbps
2	2.5Mbps
3	5Mbps
4	10Mbps
5 - F	Error

When set "5" or more, "ERR" LED is flashing.
→**See Section 8 in System setup Guide**

Array of CC−Link Connection Terminal

Array of AnyWire Connection Terminal

■**CC-Link STATION No.**

Station No.	"STATION No." Switch	
	X 10	×1
1	0	1
2	O	2
3	O	3
·	·	·
62	6	2
63	6	3
64	6	4

Do not overlap with the numbers of other nodes.

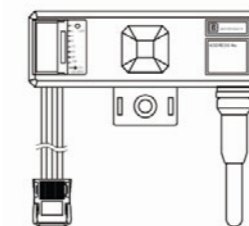→**See section 8 in System setup Guide**

■**SET switch**
Address automatic recognition operation
"Address automatic recognition" should be operated before starting when taking effect branch disconnection detection.
→**See section 9 in System setup Guide**

■**Indication LED** in normal operation

	Indication	Status		Indication	Status
CC-Link side	RUN	Lights up	AnyWireBus side	LINK	Flashing
	ERR	Goes out		RDY	Lights up
	SD	Lights up		SET	Goes out
	RD	Lights up			

LINK flashing

LED lights up

Indicative state other than listed above shows it may have some problems.
Check the contents of indicator pattern and remove the problems.
→**See section 10 in System setup Guide**