



TOGI CC-Link Module

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④

C16 XD - CT 1V

①

C08 : 8 points
C16 : 16 points
C32 : 32 points

②

P : Output Source type
D : Output Sink type
X : Input
XD : I / O Shared type

③

A T : Vertical Type

C T : Horizontal type

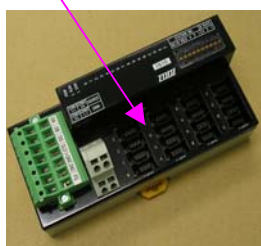


④ Connector for connecting Input and Output signals
and external power supply of the input and output part

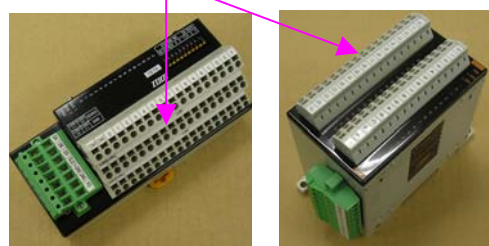
● 1N



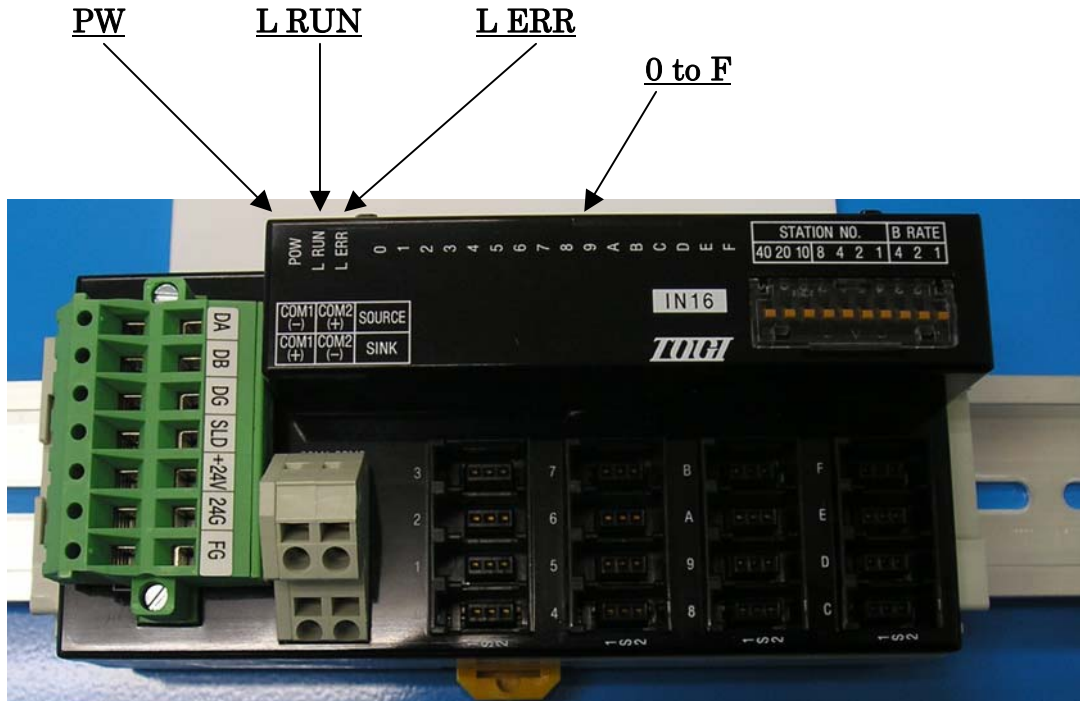
● 1E(e-con type)



● 1V : Spring lock type

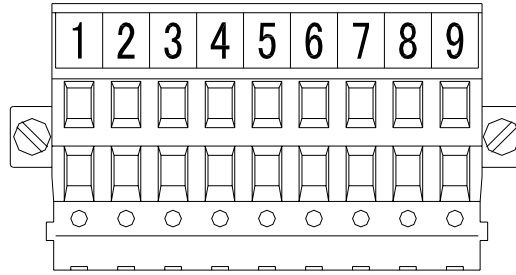
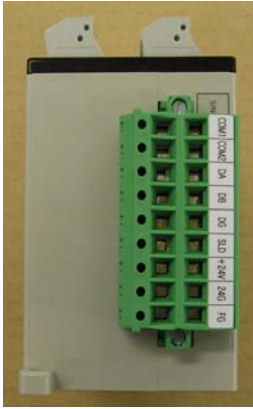


● Operation display LED



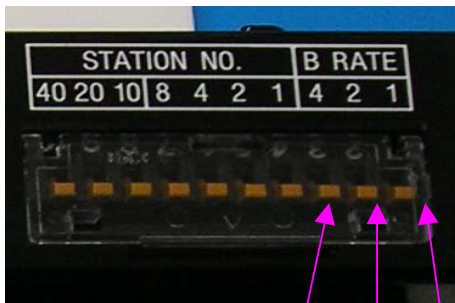
LED	Description
PW	Turns on when remote I/O module power supply is on.
L RUN	Check if the remote I/O station is data communication with the master station normal. Turn on when receiving normal data from the master station and turns off at time out. (Turned on by receiving normal data.)
L ERR	Turns on when transmission error (CRC error) occurred. Turn off at time out. (L RUN also turns off.) Turns on when incorrect station number or transmission speed is set. (Turn off when the error is corrected and power supply is restarted.) ERR flashes when station number setting or transmission speed setting is changed since start up. (L RUN remains on. The module keeps operating with the same station number and transmission speed setting when the power was turned on.)
0 to F	Indicates Input ON/OFF status
10 to 1F	Turn on when ON, and turns off when OFF

● Terminal Block for CC-Link communication line and module power supply

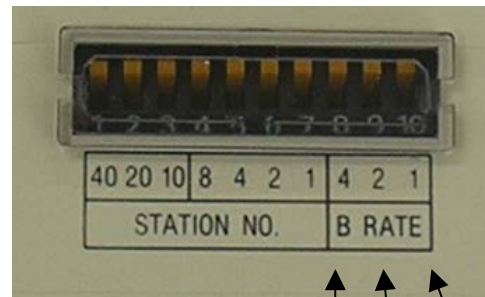


Terminal numbers and signal names								
1	2	3	4	5	6	7	8	9
COM1	COM2	DA	DB	DG	SLD	+24V	24G	FG

● B RATE Transmission speed setting switch

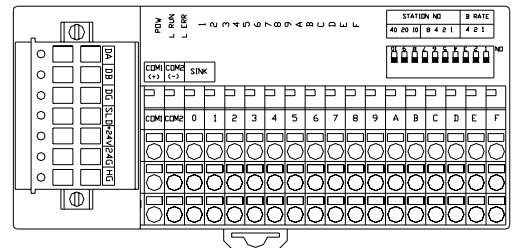
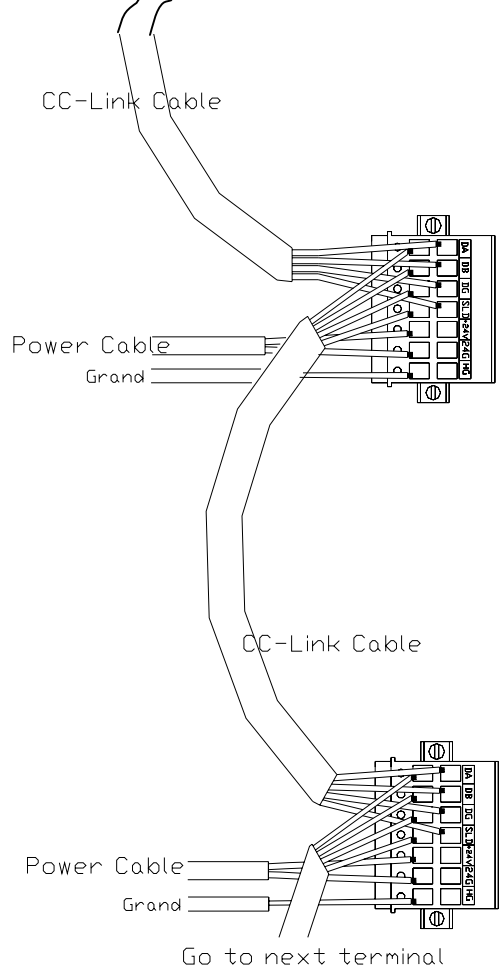


Setting the transmission speed			
Transmission speed	Switch setting		
	3	2	1
	4	2	1
156Kbps	0	0	0
625Kbps	0	0	1
2.5Mbps	0	1	0
5.0Mbps	0	1	1
10Mbps	1	0	0



Setting the transmission speed			
Transmission speed	Switch setting		
	8	9	10
	4	2	1
156Kbps	0	0	0
625Kbps	0	0	1
2.5Mbps	0	1	0
5.0Mbps	0	1	1
10Mbps	1	0	0

Connection

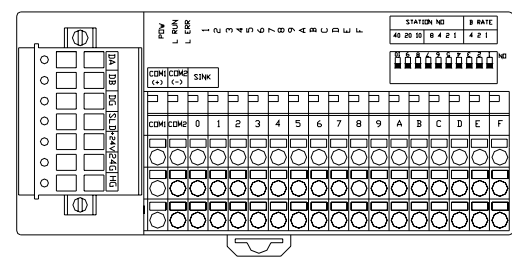


- DSW Set Up
- B RATE : Speed Setting
- STATION No. : Adress Setting

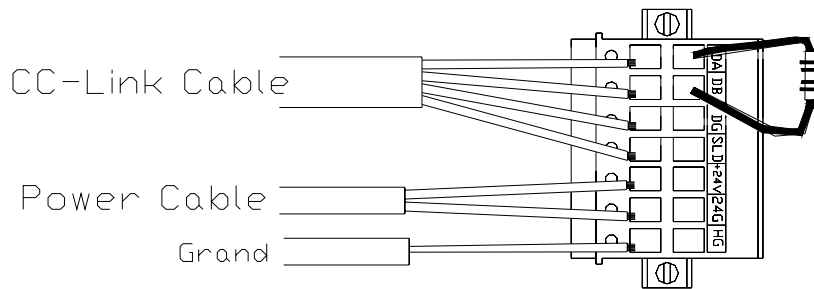
STATION NO						B RATE			
40	20	10	8	4	2	1	4	2	1

0 1 2 3 4 5 6 7 8 9 A B C D E F

0 1 2 3 4 5 6 7 8 9 A B C D E F



End terminal

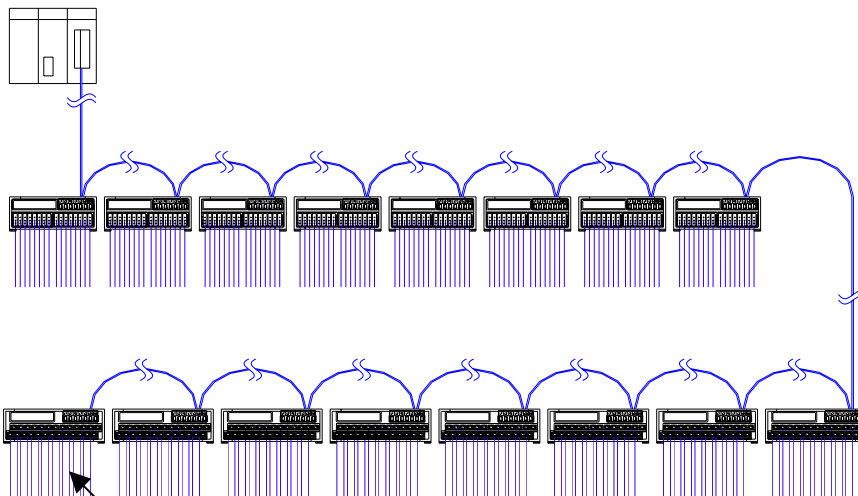


Terminal Resistor

110Ω



- Method of usage for terminal resistors
Connect the terminal resistors to the two stations at the ends of the network.
When using specialized CC-Link cable set/connect 110Ω terminal resistors.
- note
Use the correct resistors for the applicable cable type. If the incorrect type is used communication quality will be degraded and errors may occur.
Please use the same type of resistor at both ends of the network.



End Terminal (Use the resistor)