

## Mitsubishi Electric Automation CC-Link Master Block for FX<sub>2N</sub>-16CCL-M Micro Sequencers

A CC-Link system can be constructed with an FX sequencer.



### Features

- With an FX sequencer used as the master station, a high-speed field network system can be constructed at low cost.
- Since our FA equipment or that of other CLPA members, compatible with the CC-Link can be connected, any equipment configuration optimum for control required by customers can be constructed using a high-speed field network.
- A network requiring less wiring and space can streamline wiring work and reduce installation and maintenance costs.

### Specifications

Item	Specifications
Compatible functions	Master station functions (without local station and standby station functions)
CC-Link version	Conforming to Ver. 1.10
Transmission speed	Selectable among 156 kbps/625 kbps/2.5 Mbps/5 Mbps/10 Mbps
Max. total cable extension length	1,200 m, depending on the baud rate
Max. number of units connected	<ul style="list-style-type: none"> <li>• Remote I/O station: Up to 7 stations (A station occupies actual 32 I/O points of the sequencer.)</li> <li>• Remote device station: Up to 8 stations</li> <li>• The number of remote I/O and remote device stations must be equal to or smaller than 15. The "maximum number of I/O points per system" shown below must also be met</li> </ul>
Maximum number of I/O points per system	<ul style="list-style-type: none"> <li>• (Actual number of sequencer I/O points) + (Number of points occupied by special expansion block) + (Number of points occupied by FX<sub>2N</sub>-16CCL-M: 8 points) + (32 x number of remote I/O stations) ≤ 256 (FX<sub>2N</sub>, FX<sub>2NC</sub> sequencers), 128 (FX<sub>1N</sub>/FX<sub>1NC</sub> series sequencers)</li> </ul>
Number of line points per station	Remote I/O station: 32 remote I/O (RX, RY) points Remote device station: 32 remote I/O (RX, RY) points, 4 remote register (RWw) points (master station → remote device station), 4 remote register (RWr) points (remote device station → master station)
Connection cable	CC-Link dedicated cable/CC-Link dedicated high-performance cable
Applicable sequencers	FX <sub>1N</sub> (serial number: after 08****), FX <sub>2N</sub> (V2.20 or higher), FX <sub>1NC</sub> (FX <sub>2NC</sub> -CNV-IF required), FX <sub>2NC</sub> (V2.20 or higher, FX <sub>2NC</sub> -CNV-IF required)
Number of occupied I/O points	Eight FX sequencer input or output points occupied (They can be counted as either input or output.)
Communication with sequencer	Executed via buffer memory with FROM/TO commands.
Drive power supply	24 V DC (150 mA) supplied from the external terminal block
Control power supply	5 V DC self-supplied (The power of 5 V DC from the sequencer is not used.)
External Dimensions	85(W)×90(H)×87(D) mm
Weight	0.4 kg