Function List

Common specifications

Function	Description
Error history function	Checks the error history of this module using the engineering tool.
Unit test function	Checks for abnormalities with the module's hardware.

CC-Link IE TSN functions

Function	Description
Error notification function	Notifies the CC-Link IE TSN master station of CC-Link errors.
CC-Link IE TSN diagnostics	Checks the status of the module using the engineering tool. This function also checks the reasons of and solutions to errors.
Automatic parameter setting function	Automatically sets parameters via the master station when the module accesses or returns to the network.

CC-Link functions

Function			Description
Cyclic transmission	Communication with other stations	Communication using RX and RY	Communicates I/O data between the module and other stations with bits.
		Communication using RWr and RWw	Communicates I/O data between the module and other stations with words.
	Link refresh		Refreshes the CC-Link IE TSN and CC-Link data in the module.
	Cyclic data assurance		Prevents read/write data from being separated from new and old data.
	Input data from data link faulty station		Holds or clears input data from stations with a faulty data link.
	CC-Link IE TSN Master station output Hold/Clear setting during CPU module STOP		Holds or clears the refresh data of Remote output (RY) to 0 when CC-Link IE TSN communications stop.
	Data link setting at CPU module error on CC-Link IE TSN master station		Stops or resumes data link when the CC-Link IE TSN communications stop.
	Setting at data link error on CC-Link IE TSN side		Holds or clears data sent to CC-Link when a data link error occurs in the bridge module.
	Data link stop and restart		Stops or restarts data link during operations such as debugging.
	Remote I/O station points setting		8, 16, or 32 refresh points can be selected.
RAS	Device station cut-off function		Continues data link with normally operating stations and disconnects device stations that cannot perform data link due to an error.
	Automatic return function		Automatically returns the disconnected device station to the network and restarts the data link when a disconnected station returns to normal.
Diagnostics	Line test		Checks whether data link with the device station is possible.
	CC-Link diagnostics		Checks the status of the CC-Link system.
Other	Reserved station function		Reserves a disconnected device station and does not recognize it as an error station.
	Error invalid station setting function		Prevents a device station from being detected as an error station.
	Temporary error invalid station setting function		Temporarily prevents a station from being detected as an error station when a device station data link error occurs.
	Automatic detection of connected devices function		Automatically detects connected devices in the "Device list".