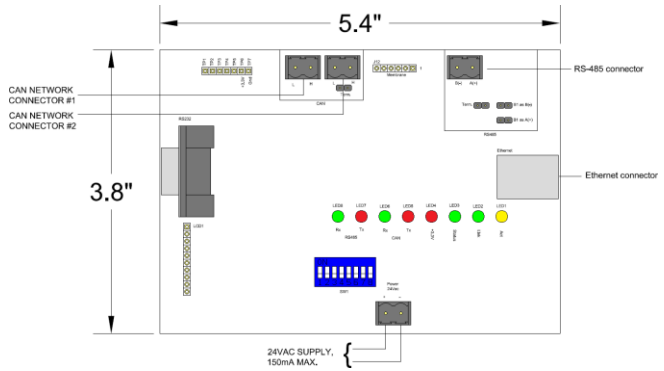


CC-Modbus

Specifications :

- RS-485 Modbus RTU network connection
- Ethernet-IP network connection
- RS-232 com port connections for configuration
- CAN network connection to CCLS-4016
- Supply: 24VAC Halfwave
@ 150mA – MAX ; 130mA – Average
- Operating temperature: 0°C to 50°C (32°F to 122°F)
- Dimensions : 3.8" X 5.4" (96.52mm x 13.16mm)



Features:

- Can link up panels together
- Intuitive relays grouping within a panel using the CCLS-4016 programming buttons
- Each panel can be Modbus RTU accessible
- Prewired and factory assembled, including pre set up as needed
- DIN rail mountable into the panel

Address	Name	Min Value	Max Value	Default	Description
(4)0002	Version	-	-	310	Version number.
(4)0052	Redetect	0	1	0	Force the detection sequence for the CCLS-4016 boards on the CAN network.
(4)0101- (4)0104	CCLS-4016 Addresses 01-04	1	127	0	Can address of CCLS-4016 relay scanners.
(4)0111- (4)0114	CCLS-4016 Versions 01-04	0	65535	65535	Version of CCLS-4016 boards detected.
(4)0201- (4)0216	Input state 01-16	0 = OFF	1 = ON	0 = OFF	Current state of the programmable inputs.
(4)0217	Input state 01-16 (bit field)	0x0000	0xFFFF	0x0000	Current state of the programmable inputs.
(4)0221- (4)0236	Input Reliability 01-16	0	63	1	0 = No errors detected 1 = Initial value / Card missing.
(4)0301- (4)0364	Relays Feedbacks 01-64	0 = OFF	1 = ON	0 = OFF	Actual state of a relay.
(4)0365- (4)0368	Relays Feedbacks 01-64 (bit field)	0x0000	0xFFFF	0x0000	Actual state of a relay. Each bit represents the status of a relay.
(4)0401- (4)0464	Relays Reliability 01-64	0	63		0 = No errors detected Other = error
(4)0501- (4)0564	Relays Cmd 01-64	0 = OFF	1 = ON	0 = OFF	To send a command to a relay.
(4)0565- (4)0568	Relays Cmd 01-64 (bitfield)	0x0000	0xFFFF	0x0000	To send commands to relays. Each bit represents the commands of a relay.
(4)0601- (4)0664	Relays Flick 01-64	0 = OFF	1 = ON	0 = OFF	Send a flick warning command to a relay.
(4)0701- (4)0708	Groups Feedbacks	0	100	0	Feedback for the relays of a group. 0% = OFF, 100% = ON, other = mixed
(4)0709	Groups Feedbacks (bitfield)	0x0000	0x00FF	0x0000	Feedback for the relays of a group. Each bit represents the status of a group. 0% = 0, more than 0% = 1.
(4)0721- (4)0728	Groups Commands	0 = OFF	1 = ON	0 = OFF	Send command to multiple relays.
(4)0729	Groups Cmd (bitfield)	0x0000	0x00FF	0x0000	Send command to multiple relays. Each bit represents the commands of a group.
(4)0731- (4)0738	Groups Flick	0 = OFF	1 = ON	0 = OFF	Send a flick warning command to multiple relays.

Complete document is also available for the Modbus controller.

CRISTAL

2025, Lavoisier, # 135
Québec (Québec)
G1N 4L6 Canada
cristalcontrols.com

T. 418-681-9590
T. 1 800 681-9590
F. 418-681-7393



CAN/CSA-C22.2 NO. 14-M95 - INDUSTRIAL
CONTROL EQUIPMENT

- Proposal
- Approval
- Information

Prepared by ML, Verified by PC

Diagram

CC-Modbus