CAN Bus 2.0A/2.0B General and SAE J1939 Symbolic

Supported series: CAN Bus 2.0A / CAN Bus 2.0B / SAE J1939.
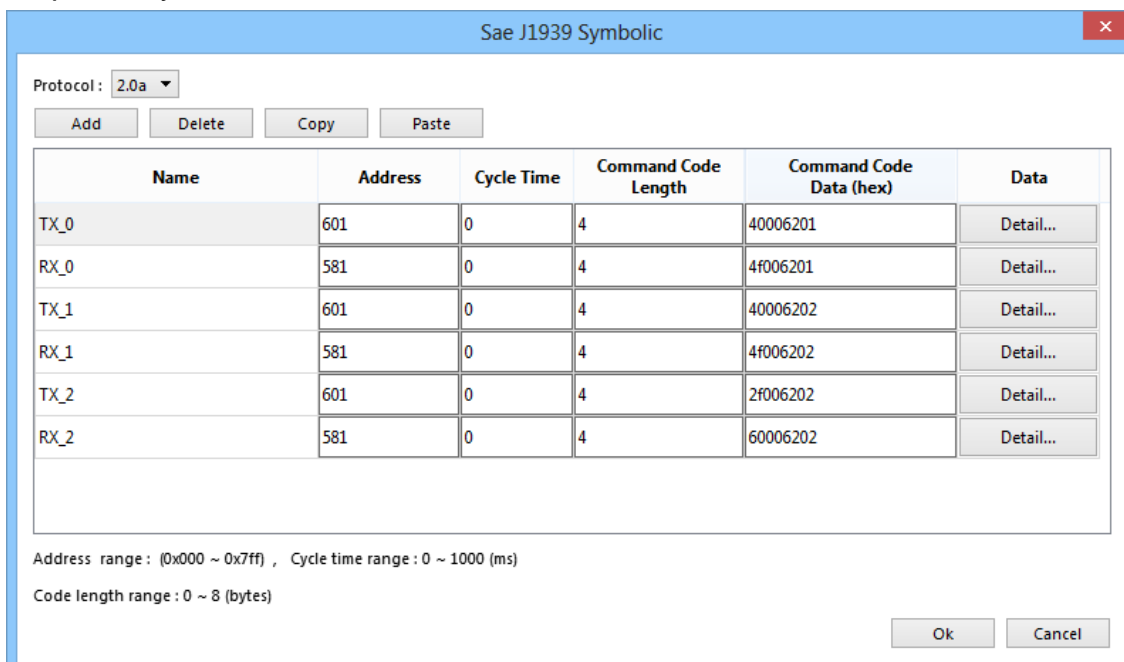
HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	CAN Bus 2.0A/2.0B General and SAE J1939		
Baud rate	250K	20K~1M	
Node ID	1	1~127	
Protocol	2.0a	2.0a / 2.0b	
Address	0x000 ~ 0x7ff		
Cycle time	0000 ~ 1000		Unit: ms
Code length range	0 ~ 8		Unit: bytes
Byte order	Little endian	Little endian , Big endian	

Online simulator	NO	Extend address mode	NO

How to create address tags in tag manager:

1. Tag manager fills in the types of sending commands and receiving commands respectively.
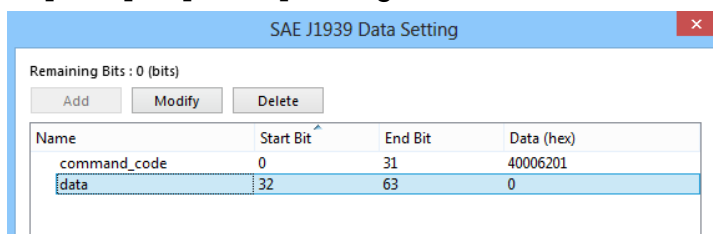
Cycle Time:

0: Do not actively send commands to the can device.

1~1000: Send commands to the can device every 1~1000ms.

Command Code Data (hex): The data field in the following structure.

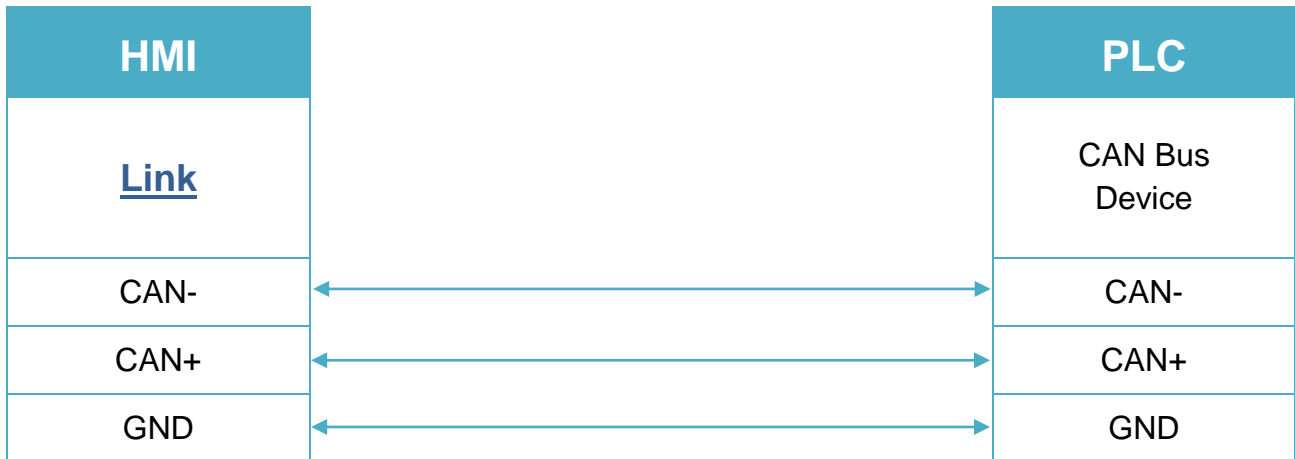
2. **[Data]** -> **[Detail]** setting data information

Device Address:

Bit/Word	Device type	Format	Memo
B	Write_data (#local)	BOOL	When cycle time is set to 0, this address is triggered to send commands.
W	Command code	According to settings	
W	Data	According to settings	

Wiring Diagram:

CANBus

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		CAN Bus Device
CAN-	⟵⟶	CAN-
CAN+	⟵⟶	CAN+
GND	⟵⟶	GND

To minimize signal reflection on the CAN bus network, termination resistors should be installed at both ends of the network, as shown in the following figure.