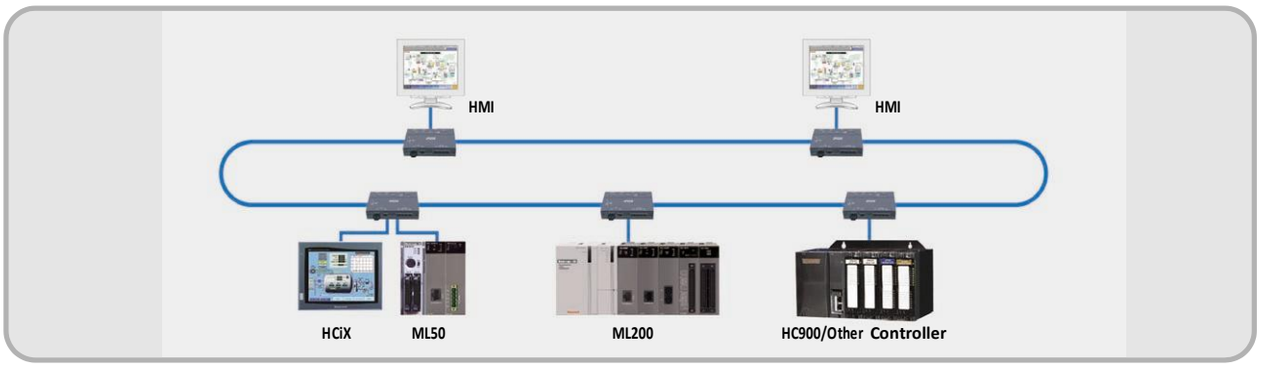
ML50 Compact Logic Controller

AUTOMATION
MADE EASY & COMPACT

Honeywell Solutions for Machine Automation

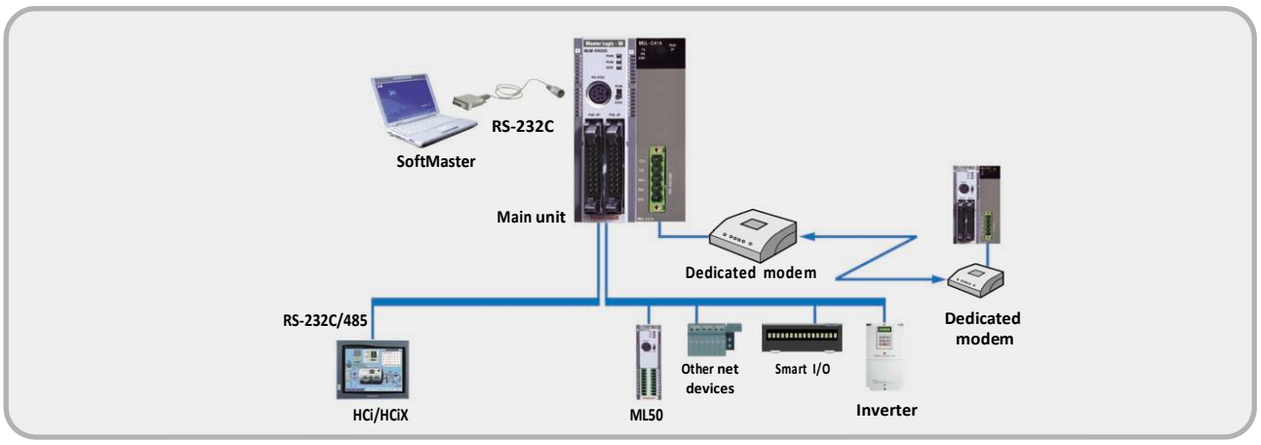
Honeywell

Fast Ethernet | Network with Ethernet & Performance specifications



Item		MLL-EMTA
Communication spec.		10/100BASE-TX
Protocol		TCP/IP, UDP/IP
Service	With ML PLCs	High-speed link, P2P service
	With other devices	P2P service
	Application	Dedicated protocol service, SoftMaster service
HS link sending/receiving data		200words/block(Max.128blocks)
No. of channel connectable to upper stage		8 channels
Service		Communication with PC(HMI) and external devices, High-speed communication among ML PLCs
Media		UTP/STP Category 5
Current consumption (mA)		410

Snet | System configuration & Performance specifications



Item		Specification			
		Built-in RS-232C	MLL-C21A	Built-in RS-485	MLL-C41A
interface		RS-232C 1Ch	RS-232C 1Ch	RS-485 1Ch	RS-422/485 1Ch
Modem connection		Remote communication with external devices via modem connection, Available for only RS-232C port.			
communication mode	Dedicated mode	1:1 or 1:N communication using MLDP			
	SoftMaster mode	Program upload/download and remote control			
	P2P mode	Communication by protocal using SoftMaster-NM (Interface with other PLCs), MLDP, MODBUS RTU/ASCII master communication			
Operation mode	Server(Slave)	Remote connection simultaneoualy using MLDP/Modbus Server, user-defined			
	Master	MLDP, MODBUS RTU/ASCII master, user-defined			
Data type	Start Bit	1			
	Data Bit	7 or 8			
	Stop Bit	1 or 2			
	Parity	Even/Odd/None			
	Setting	Basic parameter setting with SoftMaster-NM			
Synchronization		Asynchronous			
Transmission speed (bps)		Selectable among 1,200/2,400/4,800/9,600/19,200/38,400/57,600/115,200 bps			
Station number setting		Up tp 32 stations from 0 to 31 with SoftMaster-NM			
Transmission distsnce		RS-232C: Max. 15m (Extendfible by using modem), RS-422/485: Max. 500m			
Modem communication		Not available	Available	Not available	Not available
Network configuration		1:1		1:N	
Diagnosis function		Available through LED and SoftMaster-NM dagnosis service			
Max. number of installation		Built-in	2	Built-in	2

Honeywell

MasterLogic 50 Series **Product List**

Product List

Item	Model	Descriptions
Expansion I/O module	MLE-DC08A	8-point DC24V input
	MLE-DC16A	16-point DC24V input
	MLE-DC32A	32-point DC24V input
	MLE-RY08A	8-point Relay output
	MLE-RY16A	16-point Relay output
	MLE-TN08A	8-point TR(SINK) output
	MLE-TN16A	16-point TR(SINK) output
	MLE-TN32A	32-point TR(SINK) output
	MLE-DR16A	8-point DC24V input, 8-point Relay output
	MLE-TP08A	8-point Transistor (source) output
	MLE-TP16A	16-point Transistor (source) output
	MLE-TP32A	32-point Transistor (source) output
Special module (Analog IO)	MLF-AD04A	4-channel Analog input (Current/Voltage)
	MLF-AD04C	4-channel Analog input (Current/Voltage, resolution : 1/16000)
	MLF-AH04A	2-ch Analog input (Current/Voltage), 2-ch Analog output (Current/Voltage)
	MLF-DV04A	4-channel Analog output (Voltage)
	MLF-DC04A	4-channel Analog output (Current)
	MLF-RD04A	4-channel RTD input
	MLF-TC04S	4-channel Thermo-couple input(Isolation)
	MLF-AD08A	8-channel Analog input (Current/Voltage)
Communication module	MLL-C41A	Snet(RS422/485), 1channel
	MLL-C21A	Snet(RS232C), 1channel
	MLL-EMTA	Fast Ethernet (100Mbps), 1ch
	MLL-EIPT	Ethernet/IP, 2channel
	MLL-CMEA	CANopen(max 1000kbps, , Num of PDO : 32)
	MLL-CSEA	CANopen(max 1000kbps, , Num of PDO : 64)
	PMC-310S	Configuring Cable serial, PC(9pin)-PLC(6pin)
	USB-301A	Configuring Cable, USB
	TG7-1H40S	Smart Link Terminal Board 40P
Option Boards for “SU”, “E”	MLO-AD02A	2-channel Analog input (Current/Voltage)
	MLO-DA02A	2-channel Analog output
	MLO-AH02A	1-ch Analog input(I/V), 1ch Analog output(I/V)
	MLO-TC02A	2-channel Thermo-couple input(non-isolation)
	MLO-RD01A	1-channel RTD input
	MLL-RTCA	RTC, BAT for back-up