

MasterLogic-200 Series Assemblies

Model Selection Guide

MODEL NUMBER	SPECIFICATIONS	
NON-REDUNDANT ML200 PARTS		
2MLK-CPUS 2MLK-CPUH 2MLI-CPUS 2MLI-CPUS/P 2MLI-CPUH 2MLI-CPUU	CPU	Max. I/O: 3,072Pts, 32kstep Programming, non-IEC, Standard Max. I/O: 6,144Pts, 64kstep Programming, non-IEC, High Perf. Max. I/O: 3,072Pts, 640KB Program Memory, IEC, Standard Max. I/O: 768Pts, 640KB Program Memory, IEC, Standard, Redundant P/S Max. I/O: 6,144Pts, 3.5MB Program Memory, IEC, High Perf. Max. I/O: 6,144Pts, 4M Program Memory, IEC, Enhanced
2MLP-ACF1 2MLP-ACF2 2MLP-AC23 2MLP-DC42	Power Supply	Free Voltage(110V,220V) / DC5V, 3A, DC24V,0.6A Free Voltage(110V,220V) / DC5V, 6A AC220V / DC5V, 8.5A DC24V / DC5V
2MLB-M04A 2MLB-M06A 2MLB-M08A 2MLB-M12A	Main base	Main Base 4 slot Main Base 6 slot Main Base 8 slot Main Base 12 slot
2MLB-E04A 2MLB-E06A 2MLB-E08A 2MLB-E12A	Extension Base	Extension Base 4 slot Extension Base 6 slot Extension Base 8 slot Extension Base 12 slot
2MLC-E041 2MLC-E061 2MLC-E121 2MLC-E301 2MLC-E501 2MLC-E102 2MLC-E152	Extension Cable	Length 0.4m Length 0.6m Length 1.2m Length 3.0m Length 5.0m Length 10m Length 15m
2MLT-TERA	Terminator	Extension Baseboard Terminator (Resistance)
REDUNDANT ML200R PARTS		
2MLR-CPUH/F 2MLR-CPUH/T	CPU	Max. I/O:23,808Pts., Redundant CPU, FO Max. I/O:23,808Pts., Redundant CPU, TP
2MLR-AC12 2MLR-AC22 2MLR-AC13 2MLR-AC23 2MLR-DC42	Power	Redundant Power 110V, 5.5A Redundant Power 220V, 5.5A Redundant Power 110V, 8.5A Redundant Power 220V, 8.5A Redundant Power DC24V, 7.5A
2MLR-M02P 2MLR-M06P 2MLR-E08P 2MLR-E12P 2MLR-E12H	Base	Main Base 2 slot Main Base 6 slot Expansion Base 8 slot Expansion Base 12 slot Redundant Expansion Base 12 slot
2MLR-DBST 2MLR-DBSF 2MLR-DBSH	Expansion Driver	Expansion Driver, TP Expansion Driver, FO Expansion Driver, TP/FO
2MLR-DBDT 2MLR-DBDF 2MLR-DBDH	Redundant Expansion Driver	Redundant Expansion Driver, TP Redundant Expansion Driver, FO Redundant Expansion Driver, TP/FO
2MLC-F201	Sync Cable	Multimode Fiber Optic Cable, LC connector, 2.0m

MODEL NUMBER	SPECIFICATIONS	
COMMON PARTS		
2MLI-D21A 2MLI-D22A 2MLI-D22B 2MLI-D24A 2MLI-D24B 2MLI-D28A 2MLI-D28B 2MLI-A12A 2MLI-A21A 2MLI-A21C	Digital Input	8Pts. DC24V Input (Sink/Source Type) 16Pts. DC24V Input (Sink/Source Type) 16Pts. DC24V Input (Source Type) 32Pts. DC24V Input (Sink/Source Type) 32Pts. DC24V Input (Source Type) 64Pts. DC24V Input (Sink/Source Type) 64Pts. DC24V Input (Source Type) 16Pts. AC110V Input 8Pts. AC220V Input 8Pts. AC110-220V Input, Isolated
2MLQ-RY1A 2MLQ-RY2A 2MLQ-RY2B 2MLQ-SS2A 2MLQ-TR1C 2MLQ-TR2A 2MLQ-TR4A 2MLQ-TR8A 2MLQ-TR2B 2MLQ-TR4B 2MLQ-TR8B	Digital Output	8Pts. Relay Output, 2A , 1Pts./COM 16Pts. Relay Output, 2A (5A/COM) 16Pts. Relay Output, 2A , BuiVaristor 16Pts. Triac Output, 1A 8Pts. TR Output, 2A (Sink Type), Isolated 16Pts. TR Output, 0.5A (Sink Type) 32Pts. TR Output, 0.1A (Sink Type) 64Pts. TR Output, 0.1A (Sink Type) 16Pts. TR Output, 0.5A (Source Type) 32Pts. TR Output, 0.1A (Source Type) 62Pts. TR Output, 0.1A (Source Type)
2MLF-AV8A 2MLF-AC8A 2MLF-AD8A 2MLF-AD4S 2MLF-AD16A 2MLF-AC4H	Analog Input	Voltage Input, 8channels Current Input, 8channels Voltage/Current Input, 8channels Voltage/Current Input, 4channels, Isolated Voltage/Current Input, 16channels HART Input, 4channels
2MLF-RD4A 2MLF-RD8A	RTD Input	RTD Input, 4channels RTD Input, 8channels
2MLF-TC4S	TC Input	Thermocouple Input, 4channels, Isolated
2MLF-DV4A 2MLF-DC4A 2MLF-DC8A 2MLF-DV8A 2MLF-DC4S 2MLF-DC4H	Analog Output	Voltage Output, 4channels Current Output, 4channels Current Output, 8channels Voltage Output, 8channels Current Output, 4channels, Isolated HART Output, 4channels
2MLF-HO2A 2MLF-HD2A	High Speed Counter	Pulse Input, 2channels, Open Collector Pulse Input, 2channels, Line Drive
2MLF-SOEA	Event Input	Event Input SOE, 32 channels
2MLL-EFMT 2MLL-EFMF	FEnet	Fast Ethernet, 100/100Mbps, RJ-45 (Electric) Fast Ethernet, 100/100Mbps, SC Type (Fiber Optic)
2MLL-C22A 2MLL-C42A 2MLL-CH2A	Snet	Serial Communication, RS-232C 2channels Serial Communication, RS-422 2channels Serial Communication, RS-232C/RS-422 (1ch each)
2MLL-PMEA 2MLL-PSEA 2MLL-PSRA	Pnet	Profibus, Master, 12Mbps, DP Standard Profibus, Slave Interface, DP standard Profibus, Remote Interface, DP standard - used on ML200 racks only
2MLL-DMEA	DeviceNet	DeviceNet, Master, 500kbps
2MLT-DMMA 2MLR-DMMA	Dummy	DUMMY Module for empty I/O slots DUMMY Module for empty power supply slots - used on ML200R only
USB-301A	USB Cable	Engineering cable for Softmaster

MODEL NUMBER	SPECIFICATIONS	
Terminal/Relay Board & Connection Cable for Digital I/Os (for 32/64 points only), High Speed Counter, Event Input		
R32C-NS5A-40P	Relay Board	Relay Board, 40point (For DO Sink Type only)
TG7-1H40S	Terminal Board	Terminal Board, 40point
C40HF-15PB-1	Connection Cable	Cable Assembly for Terminal Board, 40p-40p, 1.5m
C40HF-30PB-1		Cable Assembly for Terminal Board, 40p-40p, 3.0m

MasterLogic PLC- Experion PKS Server Integration (MLDP server)		
SSS-MLDP	Experion PKS Integration Software	MLDP driver

* Integration driver is not required for Experion HS and Experion LS. It is already included in Experion HS and Experion LS software package

MODEL NUMBER	SPECIFICATIONS	
Conformance Coated		
2MLK-CPUS-CC 2MLK-CPUH-CC 2MLI-CPUS-CC 2MLI-CPUS/P-CC 2MLI-CPUH-CC 2MLI-CPUU-CC	CPU	Max. I/O: 3,072Pts, 32kstep Programming, non-IEC, Standard Max. I/O: 6,144Pts, 64kstep Programming, non-IEC, High Performance Max. I/O: 3,072Pts, 128KB Program Memory, IEC, Standard Max. I/O: 768Pts, 128KB Program Memory, IEC, Standard, Redundant P/S Max. I/O: 6,144Pts, 512KB Program Memory, IEC, High Perf. Max. I/O: 6,144Pts, 3M Programming, IEC, Enhanced
2MLP-ACF1-CC 2MLP-ACF2-CC 2MLP-AC23-CC 2MLP-DC42-CC	Power Supply	Free Voltage(110V,220V) / DC5V, 3A, DC24V,0.6A Free Voltage(110V,220V) / DC5V, 6A AC220V / DC5V, 8.5A DC24V / DC5V
2MLB-M04A-CC 2MLB-M06A-CC 2MLB-M08A-CC 2MLB-M12A-CC	Main base	Main Base 4 slot Main Base 6 slot Main Base 8 slot Main Base 12 slot
2MLB-E04A-CC 2MLB-E06A-CC 2MLB-E08A-CC 2MLB-E12A-CC	Extension Base	Extension Base 4 slot Extension Base 6 slot Extension Base 8 slot Extension Base 12 slot
2MLR-CPUH/F-CC 2MLR-CPUH/T-CC	CPU	Max. I/O:23,808Pts., Redundant CPU, FO Max. I/O:23,808Pts., Redundant CPU, TP
2MLR-AC12-CC 2MLR-AC22-CC 2MLR-AC13-CC 2MLR-AC23-CC 2MLR-DC42-CC	Power	Redundant Power 110V, 5.5A Redundant Power 220V, 5.5A Redundant Power 110V, 8.5A Redundant Power 220V, 8.5A Redundant Power DC24V, 7.5A
2MLR-M02P-CC 2MLR-M06P-CC 2MLR-E08P-CC 2MLR-E12P-CC 2MLR-E12H-CC	Base	Main Base 2 slot Main Base 6 slot Expansion Base 8 slot Expansion Base 12 slot Redundant Expansion Base 12 slot
2MLR-DBST-CC 2MLR-DBSF-CC 2MLR-DBSH-CC	Expansion Driver	Expansion Driver, TP Expansion Driver, FO Expansion Driver, TP/FO
2MLR-DBDT-CC 2MLR-DBDF-CC 2MLR-DBDH-CC	Redundant Expansion Driver	Redundant Expansion Driver, TP Redundant Expansion Driver, FO Redundant Expansion Driver, TP/FO
2MLI-D21A-CC 2MLI-D22A-CC 2MLI-D22B-CC 2MLI-D24A-CC 2MLI-D24B-CC 2MLI-D28A-CC 2MLI-D28B-CC 2MLI-A12A-CC 2MLI-A21A-CC 2MLI-A21C-CC	Digital Input	8Pts. DC24V Input (Sink/Source Type) 16Pts. DC24V Input (Sink/Source Type) 16Pts. DC24V Input (Source Type) 32Pts. DC24V Input (Sink/Source Type) 32Pts. DC24V Input (Source Type) 64Pts. DC24V Input (Sink/Source Type) 64Pts. DC24V Input (Source Type) 16Pts. AC110V Input 8Pts. AC220V Input 8Pts. AC110-220V Input, Isolated
2MLQ-RY1A-CC 2MLQ-RY2A-CC 2MLQ-RY2B-CC 2MLQ-SS2A-CC 2MLQ-TR1C-CC	Digital Output	8Pts. Relay Output, 2A , 1Pts./COM 16Pts. Relay Output, 2A (5A/COM) 16Pts. Relay Output, 2A , BuiVaristor 16Pts. Triac Output, 1A 8Pts. TR Output, 2A (Sink Type), Isolated

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MODEL NUMBER	SPECIFICATIONS	
2MLQ-TR2A-CC 2MLQ-TR4A-CC 2MLQ-TR8A-CC 2MLQ-TR2B-CC 2MLQ-TR4B-CC 2MLQ-TR8B-CC	Digital Output	16Pts. TR Output, 0.5A (Sink Type) 32Pts. TR Output, 0.1A (Sink Type) 64Pts. TR Output, 0.1A (Sink Type) 16Pts. TR Output, 0.5A (Source Type) 32Pts. TR Output, 0.1A (Source Type) 62Pts. TR Output, 0.1A (Source Type)
2MLF-AV8A-CC 2MLF-AC8A-CC 2MLF-AD8A-CC 2MLF-AD4S-CC 2MLF-AD16A-CC 2MLF-AC4H-CC	Analog Input	Voltage Input, 8channels Current Input, 8channels Voltage/Current Input, 8channels Voltage/Current Input, 4channels, Isolated Voltage/Current Input, 16channels HART Input, 4channels
2MLF-RD4A-CC 2MLF-RD8A-CC	RTD Input	RTD Input, 4channels RTD Input, 8channels
2MLF-TC4S-CC	TC Input	Thermocouple Input, 4channels, Isolated
2MLF-DV4A-CC 2MLF-DC4A-CC 2MLF-DC8A-CC 2MLF-DV8A-CC 2MLF-DC4S-CC 2MLF-DC4H-CC	Analog Output	Voltage Output, 4channels Current Output, 4channels Current Output, 8channels Voltage Output, 8channels Current Output, 4channels, Isolated HART Output, 4channels
2MLF-HO2A-CC 2MLF-HD2A-CC	High Speed Counter	Pulse Input, 2channels, Open Collector Pulse Input, 2channels, Line Drive
2MLF-SOEA-CC	Event Input	Event Input SOE, 32 channels
2MLL-EFMT-CC 2MLL-EFMF-CC	FEnet	Fast Ethernet, 100/100Mbps, RJ-45 (Electric) Fast Ethernet, 100/100Mbps, SC Type (Fiber Optic)
2MLL-C22A-CC 2MLL-C42A-CC 2MLL-CH2A-CC	Snet	Serial Communication, RS-232C 2channels Serial Communication, RS-422 2channels Serial Communication, RS-232C/RS-422 (1ch each)
2MLL-PMEA-CC 2MLL-PSEA-CC 2MLL-PSRA-CC	Pnet	Profibus, Master, 12Mbps, DP Standard Profibus Slave Interface, DP standard Profibus, Remote Interface, DP standard - used on ML200 racks only
2MLL-DMEA-CC	DeviceNet	DeviceNet, Master, 500kbps