



**MasterLogic-200 Input/Output Modules
Specifications and Technical Data**

Release R200
Revision Date: May, 2010
Version 4.0

Release 200

Analog Input Modules

2MLF-AV8A – 8 channel Voltage Input Module

2MLF-AC8A – 8 channel Current Input Module

Item	Specifications				
	2MLF-AV8A (Voltage Input Type)		2MLF-AC8A (Current Input Type)		
Analog input	DC 1 ~ 5 V DC 0 ~ 5 V DC 0 ~ 10 V DC -10 ~ 10 V (Input Resistance: 1 MΩ min.)		DC 4 ~ 20 ma DC 0 ~ 20 ma (Input Resistance 250 Ω)		
Analog input range setting	Analog input range can be individually selected for each channel either through user program or via user-friendly GUI [I/O parameter] function in SoftMaster				
Digital value	(1) Voltage Type				
	ANALOG INPUT	1 ~ 5 V	0 ~ 5 V	0 ~ 10 V	-10 ~ 10 V
	DIGITAL OUTPUT				
	Unsigned Value	0 ~ 16000			
	Signed Value	-8000 ~ 8000			
	Precise Value	1000 ~ 5000	0 ~ 5000	0 ~ 10000	-10000 ~ 10000
Percentile Value	0 ~ 10000				

Product	Model	Description	Remarks
	2MLQ-TR8B	Transistor output 64 point (for 0.1A, Source output)	
	2MLQ-SS2A	Triac output, 16 point (for 0.6A)	

5.4 Analog I/O, HSC Modules

Product	Model	Description	Remarks
Analog Input modules	2MLF-AV8A	<ul style="list-style-type: none"> Voltage Input: 8 channels DC 1 ~ 5V / 0 ~ 5V / 0 ~ 10V / -10 ~ +10V 	
	2MLF-AC8A	<ul style="list-style-type: none"> Current Input: 8 channels DC 4 ~ 20mA / 0 ~ 20mA 	
	2MLF-AD8A	<ul style="list-style-type: none"> Voltage/Current Input: 8 channels 	
	2MLF-AD16A	<ul style="list-style-type: none"> Voltage/Current Input: 16 Channels 	
	2MLF-AD4S	<ul style="list-style-type: none"> Voltage/Current Input: 4 channels Isolation between channels 	
Analog Output modules	2MLF-DV4A	<ul style="list-style-type: none"> Voltage Output: 4 channels DC 1 ~ 5V / 0 ~ 5V / 0 ~ 10V / -10 ~ +10V 	
	2MLF-DC4A	<ul style="list-style-type: none"> Current Output: 4 channels DC 4 ~ 20mA / 0 ~ 20mA 	
	2MLF-DC4S	Current Output: 4 channels, Isolation between channels	
	2MLF-DV8A	<ul style="list-style-type: none"> Voltage Output: 8 channels DC 1 ~ 5V / 0 ~ 5V / 0 ~ 10V / -10 ~ +10V 	
	2MLF-DC8A	<ul style="list-style-type: none"> Current Output: 8 channels DC 4 ~ 20mA / 0 ~ 20mA 	
Thermocouple Input Module	2MLF-TC4S	Temperature (T/C) Input, 4 channels, Isolation between channels	
RTD Input Module	2MLF-RD4A	Temperature (RTD) Input, 4 channels	