

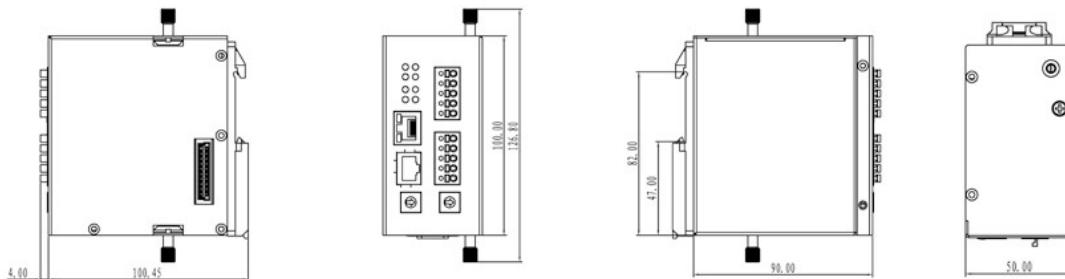
KYIO Module

» RCM Module Specifications



KYRCM		
Interface	Network port	1x10/100BASE-T,RJ45
	Serial port	1xRS485
	CAN	1xCAN
	Extension slot	Support Kyland KYIO module, up to support 10 extension modules: CANopen Modbus RTU Master/Slave mode Modbus TCP Slave mode
Communication	Protocol	
Management and Maintenance	Support WEB management	

» Dimensions

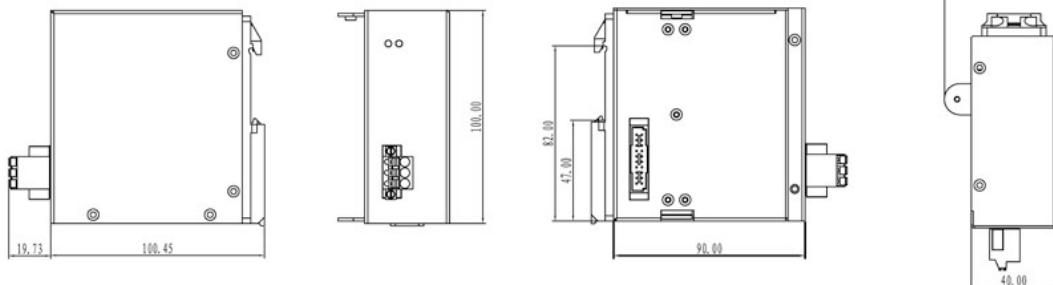


» PM Power Module Specifications



KYPM-DC24 DC 24V Power Module		
Power Supply	Power input	24VDC (-15%~+20%)
	Power interface	Phoenix terminal block
	Bus output voltage	12VDC
	Output current	2.5A@12V
	Module consumption	6W

» Dimensions



► I/O Module Specifications



KYDI-1601	
Channel Number	16
Signal Type	24VDC, support PNP and NPN
Isolation Withstand Voltage	1500VDC@1min@5mA
Voltage and Consumption at System Side	1.5W@12V±10%
Voltage and Consumption at Filed Side	0.5W@24V, +20%/-15%



KYDO-1202	
Channel Number	12
Signal Type	24VDC, support PNP and NPN
Isolation Withstand Voltage	1500VDC@1min@5mA
Voltage and Consumption at System Side	1.5W@12V±10%
Voltage and Consumption at Filed Side	0.5W@24V, +20%/-15%



KYAI-0801/0802	
Channel Number	8
Signal Type	0~22 mA±10V
Analog Accuracy	±0.1%@(25°C)±0.3%@(-40~75°C)
Isolation Withstand Voltage	1500VDC@1min@5mA
Voltage and Consumption at System Side	1.2W@12V±10%
Voltage and Consumption at Filed Side	0.5W@24V, +20%/-15%



KYAO-0801/0802	
Channel Number	8
Signal Type	0~22 mA±10V
Analog Accuracy	±0.1%@(25°C)±0.4%@(-40~75°C)
Isolation Withstand Voltage	1500VDC@1min@5mA
Voltage and Consumption at System Side	1.2W@12V±10%
Voltage and Consumption at Filed Side	0.5W@24V, +20%/-15%



KYRTD-0601	
Channel Number	6
Signal Type	0..500Ω range. Support PT100, Cu100, Ni120, Resistance acquisition, support 2/3/4 wires.
Analog Accuracy	0~500Ω: ±0.1%(10~45°C), ±0.4% (-40~85°C)
Isolation Withstand Voltage	1500VDC@1min@5mA
Voltage and Consumption at System Side	1.2W@12V±10%
Voltage and Consumption at Filed Side	1.5W@24V, +20%/-15%

» General Specifications

Mechanical Structure	Mechanical structure	Aluminum enclosure
	IP class	IP30
	Dimensions	40x100x90 (WxHxD); KYRCM: 50x100x90(WxHxD)
	Weight	500g
	Mounting	DIN rail
Environment	Working temperature	-40 ~ 75°C
	Storage temperature	-40 ~ 85°C
	Humidity	5 ~ 95% No condensation
Standard	EMI	IEC61000-6-4/CISPR 22
		IEC61000-4-2(ESD), ±6kV(contact), ±8kV(air), IEC61000-4-3(RS),10V/m(80MHz-1GHz) IEC61000-4-4(EFT), DC Power Port: ±1kV, Singal Port: ±1kV IEC61000-4-5 (Surge), Power Port: ±1kV/DM, ±2kV/CM, Singal Port: ±1kV(line to line), Singal Port: ±2kV(line to earth)
	EMC	IEC61000-4-6(CS), Signal ports: 0.15-80MHz at 10V/m, Powerports: 0.15-80MHz at 10V/m IEC61000-4-8(Power frequency magnetic field), 30A/m
	Mechanical	IEC60068-2-6(vibration) IEC60068-2-27(impact) IEC60068-2-32(Free fall)

Order Information			
KYDI-1601	16 channels DI module	KYAO-0802	8 channels voltage output module
KYDO-1202	12 channels DC DO module	KYRTD-0601	6 channels hot resistance input module
KYAI-0801	8 channels current input module	KYPRCM-0000	Remotely IO communication module
KYAI-0802	8 channels voltage input module	KYPM-DC24	24VDC power module (Required)
KYAO-0801	8 channels current output module		

» Dimensions

