



IACM-P4-ECT Bus module



IACM-P4-ECT Bus module An RFID controller that provides the standard industrial bus protocol and supports EtherCAT protocol. Contains two M12 T-CODE power supply interfaces, two M12 D-CODE 4-PIN bus interfaces, and four M12 A-CODE RFID read/write head interfaces. The transmission rate of industrial Ethernet supports up to 100Mbps, and multiple sets of bus modules can be cascaded into the PLC to provide powerful on-site data acquisition capabilities. The shell is made of strong zinc alloy metal material, which has the characteristics of connection range, strong communication ability, good environment adaptation and high protection level.

Product Specifications

Specifications	Model	IACM-P4-ECT
	Dimensions	140.0 * 63.0 * 31.4mm
	Shell material	zinc alloy
power Supply	Voltage	18~30VDC
	Average current	IMAX<=0.3A@24V (excluding RFID)
	power interface	T-CODE Male/female 4 pins
	power protection	Reverse protection, 3000W surge protection
Communication	Communication Protocol	EtherCAT
	Network port	Dual network ports, compliant with IEE802.3 standards
	System topology	Star structure, tree structure
	Communication Cable length	Max=100m
	Communication Interface	One D-CODE M12 female head, 4 pins



RFID Port	RFID Quantity	4 independent channels (RS485)
	RFID Connector	A-CODE M12 5PIN female header
	load capacity	VOUT=24V±20%,IOUT<=0.7A
	Circuit protection	Power supply anti-reverse connection, Overvoltage and Overcurrent protection
Environmental Suitability	Operating temperature	-25 °C ~ +70 °C
	Storage temperature	-40°C ~ +85 °C
	Humidity	5% ~ 95%RH (no condensation)
	IP degree of protection	IP67, EN60529
	Anti-vibration	2 mm (f= 5...29.5 Hz) , EN 60068-2-6 7 gn (f= 29.5...150 Hz), EN 60068-2-6
	Electrostatic Discharge Immunity ESD	Contact discharge, 8 KV, over Class A Air discharge, 15 KV, passed Class A IEC 61000-4-2
Certification and Declaration	CE	EN 61000-6-4 EN 61000-6-2
	RoHS Directive	2011/65/EU 2015/863/EU

Dimensions

