

Separate Sheet

Main specifications of the intelligent RJ45 module

Items		Specifications	
I-RJ45 Module	Type	single-port	dual-port
	Model	RY9011A0000GZ00	RY9012A0000GZ10
	Device	RX64M	R-IN32M3-EC
	Power	3.3V DC, (+/-10%)	
	Operating Temp	-40 to +70 °C,	
	Humidity	10 - 95% RH non-condensing	
	IP class	IP20	
	Size (LxWxH)	50 x 17.5 x 12 mm	50 x 35 x 12 mm
	Application Interface	High Speed SPI	
Solution Software	Industrial Protocol Stack	PROFINET® EtherNet/IP™	PROFINET EtherNet/IP EtherCAT®
Documents	DATA SHEET, HW Design Guide, User's Manual, Protocol Guide, Quick Startup Guide, Tool Guide		
Solution Kit	Connect to Renesas MCU development boards Renesas Synergy™ and RX. include Quick Startup Guide, software and documentation.		
TOOL	I-RJ45 Management Tool		
Pre-Conformity	Machinery Directive (2006 / 42 / EC), EMC Directive (2004 / 108 / EC), UL61010, Industrial Ethernet network conformance		

###

(Remarks) Renesas Synergy is a trademark of Renesas Electronics Corporation. EtherCAT is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany. PROFINET is a registered trademark of PROFIBUS and PROFINET International (PI). EtherNet/IP is a trademark of ODVA, Inc. Arduino is a registered trademark of Arduino LLC, Pmod is an open standard defined by Digilent Inc. All registered trademarks or trademarks are the property of their respective owners.