

MAPLE MODULAR PLC SERIES - COMM MODULE



MODULE LIST

Category	Part Number	Communication Ports	Detail
Ethernet Module	MOD-SENT01	1 Ethernet Port	10 BASE-T, 100 BASE-TX Modbus TCP Master/Slave



MOD-SENT01

FUNCTIONAL

Part Number		MOD-SENT01
Interface		RJ45
		-
Transmission Speed		10/100 Mbps
Maximum Distance		100 m
Service	Loader	Yes (UDP)
	Modbus Master	Yes (TCP)
	Modbus Slave	Yes (TCP)
	User Protocol	Yes (TCP, UDP)
	High-Speed PLC Link	Yes
	DHCP	Yes

FEATURES

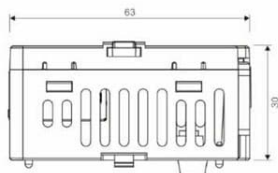
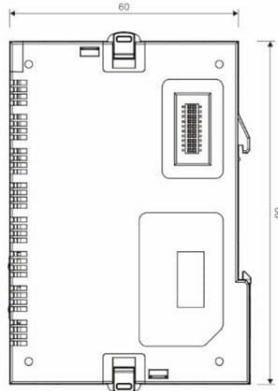
- Compatible expansion with any Maple modular PLC CPU.
- Supports Modbus RTU Master/Slave and TCP Master/Slave.
- Supports User Protocol RTU/TCP.
- Supports High-Speed PLC Link, enabling high-speed communication between Maple PLCs.

BENEFITS

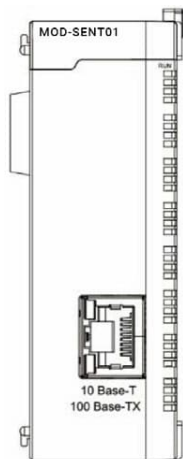
- Diagnostic LEDs.
- Change communication parameters from logic scan.



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(Unit: mm)



PHYSICAL

Part Number	MOD-SENT01
Product Dimensions (H x W x D)	90 x 30 x 63 mm (3.5 x 0.8 x 2.5 in)
Product Weight	77 g (0.17 lb)

ENVIRONMENTAL

Item	Specification	Standards
Operating Temperature	-10 ~ +60 °C (+14 ~ +140 °F)	-
Storage Temperature	-25 ~ +80 °C (-13 ~ +176 °F)	-
Operating/Storage Relative Humidity	5 ~ 95% Non-condensing	-
Shock	15G	IEC 61131-2
Vibration	0.5G - Continuous 1G - Discontinuous	IEC 61131-2
Square Wave Impulse Noise	±2 kV	-
ESD Immunity	±4 kV - Contact Discharges ±8 kV - Air Discharges	IEC 61131-2 IEC 61000-4-2
Radiated Electromagnetic Immunity	80-1000 MHz, 10 V/m	IEC 61131-2 IEC 61000-4-3
Surge Transient Immunity	2 kV - CPU, Power 2 kV - Discrete I/O (VAC) 1 kV - Discrete I/O (VDC) 1 kV - Communication	IEC 61131-2 IEC 61000-4-4