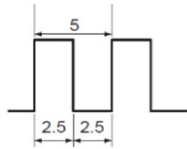


MAPLE MODULAR PLC SERIES - HSC MODULE



IO-SHSC02*

FUNCTIONAL

Part Number		IO-SHSC02
I/O Points		16 points
Sensor		2 channels
Count Input Signal	Phase	1 Phase input/2 Phase input
	Level ($\phi A, \phi B$)	5/12/24 V DC 2—5 mA
	Types	PNP Encoder (-Common)
Count	Speed	200 kpps
	Range	32-bit signed binary values (-2147483648—2147483647)
	Mode	Up/Down Preset Counter + Ring Counter
	Min. Count Pulse Period (μS) (Duty ratio 50%)	
Compared	Compared Range	32-bit signed binary values
Output	Comparison	Compared value < Present value Compared value = Present value Compared value > Present value
External Input		5/12/24 V DC 2—5 mA
External Output		TR (SINK Type) Output 12—24 V
Power Consumption		90 mA

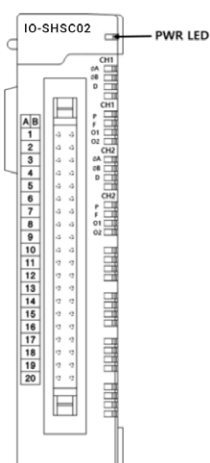
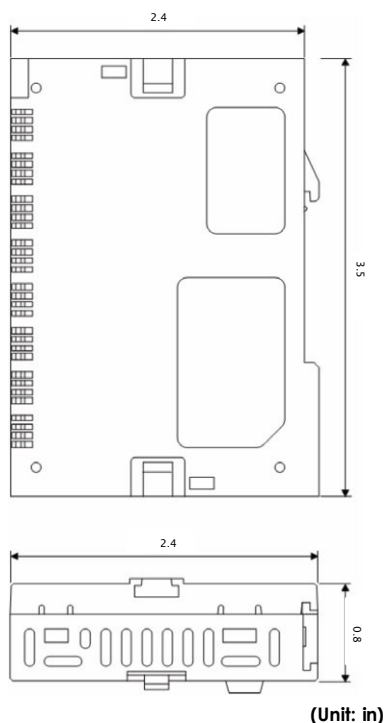
FEATURES

- Compatible expansion with any Maple modular PLC CPU.
- Covers a wide range of high-speed pulses.
- Support for the quadrature types open-collector and line-drive.
- Linear/Ring counter modes are supported.

BENEFITS

- Diagnostic LEDs.
- Module settings can be manipulated from scan logic.

MAPLE MODULAR PLC SERIES - HSC MODULE



PHYSICAL

Part Number	IO-SHSC02
Product Dimensions (H x W x D)	3.5 x 0.8 x 2.4 in (90 x 20 x 60 mm)
Product Weight	0.15 lb (68.5 g)

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 - Digital I/O (VAC) 1 kV - Digital I/O (VDC) 1 kV - Communication	IEC 61131-2 IEC 61000-4-4

*ACC-TB32M (Terminal Block) and
ACC-SCB15M (Terminal Block Cable)
Included for IO-SHSC02