

SS6402J Sensorsoft Input Contact Module



Detection Capabilities: Can detect open or closed contact closure. Provides an OPEN/CLOSED indication in software.

Maximum measurement rate: one reading every second

Housing Dimensions: 8 cm (3.1") x 4 cm (1.6") x 2 cm (0.8")

Housing Material: injection molded ABS thermoplastic

Housing Colour: light gray

Communications connector: 8 position modular jack, (accepts 8 position plug RJ45)

Power source: Port-powered (RTS and DTR, both asserted)

Power supply current drain: < 10 mA

Module input: Input amplifier detects resistance across input jack. Resistances from 0 to 15K ohm produce CLOSED condition in software. Resistance above 15K ohm produce OPEN condition in software.

Input contact connector: 2.1 mm jack

Operating temperature range: -40 ° C to +60 ° C (-40 ° F to +140 ° F)

Communications Interface: RS232C using TX,RX,RTS,DTR and GND. One device per serial port.

Maximum communications cable length: 305 m (1000 ft.) using recommended cable type. Low capacitance shielded cable or UTP is recommended.

Communications Protocol: Sensorsoft Device Protocol, Version 2.0

Error control: 16 bit CRC (cyclic redundancy checking) for detection of communication errors between the device and host computer.

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