

RIM SS2

NorthStar™ brand

RIM SS2 Signal Splitter

Key Features

- Eliminates the Expense and Maintenance of Two Separate Encoders
- Optically Isolated Outputs can be Sent to a Motor Drive and a Display at the Same Time
- Compatible with Virtually Every Incremental Digital Encoder
- Combats Long Distance and Electrical Interference Problems



SPECIFICATIONS

STANDARD OPERATING CHARACTERISTICS

Input Signal: 2 or 3 channel quadrature signal, square wave, open collector, differential, or single ended line driver

ELECTRICAL

Input Signal Voltage: 4 - 26 VDC

Input Signal Current: 2.2 mA minimum, 3.5 mA typical

Input Impedance: Optically isolated, 1 kOhm at 4V, 6.8 kOhms at 24V typical. Current limited.

Frequency Range: 0 - 120 kHz

Output Signal: Two independent, isolated line driver output sets (A/A, B/B)

Supply Voltage: 5 - 26 VDC

Output Current: 150 mA (maximum per channel)

Wire Gauge Accepted: 26 - 16 AWG

Output Protection: ESD to MIL-STD-883 and short circuit protected

MECHANICAL

Enclosure Material: PVC

Mounting: DIN Rail EN 50022, (35mm x 7.5mm)

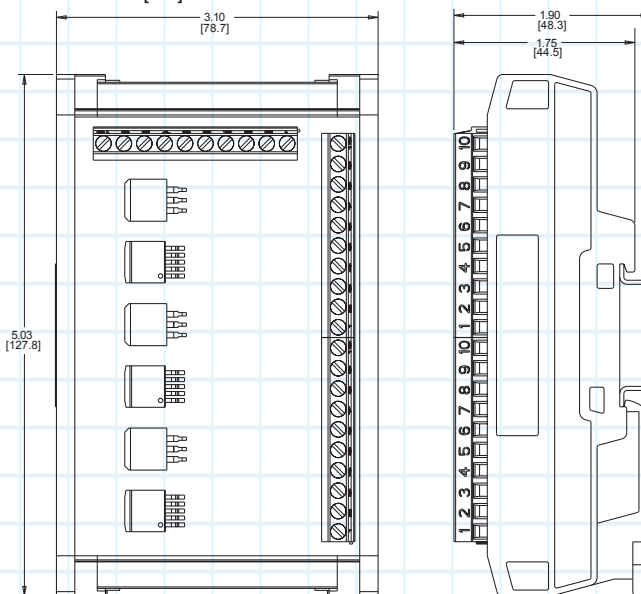
ENVIRONMENTAL

Operating Temperature: 0°C to 50°C

Storage Temperature: -20°C to 70°C

Operational Humidity: 98% non-condensing

DIMENSIONS



ORDERING INFORMATION

Part Number: RIM SS2



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