

RSM BTS Specifications

POWER SUPPLY:	RS485 bus powered (12V)
OPERATING TEMPERATURE:	-10°C to +55°C
INPUT SIGNALS:	<p>6 x RJ10 plug discrete inputs</p> <ul style="list-style-type: none">⑩ Optically Isolated to eliminate ground loops, 50 VDC⑩ 5 – 28VDC input tolerance⑩ Up to 48 VDC operation (external 10K 0.5 W resistor)⑩ Polarity insensitive inputs⑩ Normally Open or Normally Closed operation supported⑩ Internal Jumper to enable single ended usage⑩ 12VDC Power feeding for easy digital sensor installation⑩ Standard RJ10 4P/4C connector <p>2 x RJ10 plug analog inputs</p> <ul style="list-style-type: none">⑩ 0-5V input range with common ground between inputs⑩ 12-bit analog to digital converter resolution⑩ Typical accuracy better than 1.5 %⑩ RMS reading is calculated over period of 160ms every 60 seconds.⑩ 12VDC Power feeding for easy sensor installation.⑩ Standard RJ10 4P/4C connector
OUTPUT SIGNALS:	<p>16 x discrete outputs mapped on 4 RJ45 connectors</p> <ul style="list-style-type: none">⑩ Normally Open operation⑩ Driving capability up to 25mA at 48VDC
INTERFACE:	<p>RS485 Two standard RJ12 6P/6C parallel connectors Easy daisy-chain connectivity Optional internal connection of the RSM PLUG-IN IO</p>
HARDWARE:	<p>ARM CORTEX-M3 CPU</p> <ul style="list-style-type: none">⑩ Typical Power Consumption of <250mW