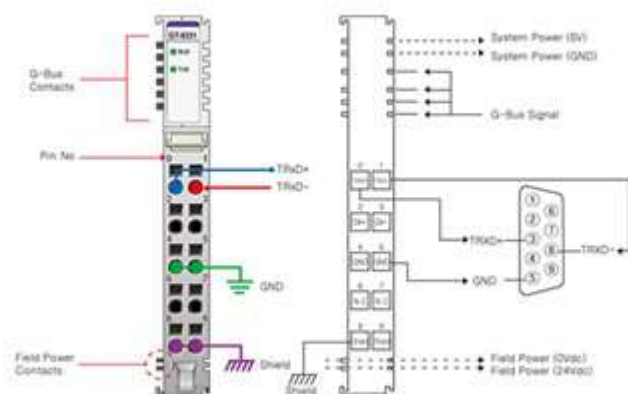




GT-5231

Serial interface RS485

1 channel
1200 ~ 115 200 bps
10pt removable terminal block

Facts

General description

Article number	100-8034
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25 Hz: $\pm 1.6\text{mm}$, 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$, 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$, 100 ~ 500 Hz: $0.002\text{g}^2/\text{Hz}$, 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
Installation position	Horizontal, Vertical
Product certifications	CE, UL, cUL, FCC, RoHS, China RoHS, Reach
Power dissipation	Max. 85 mA @ 5 VDC, 0 mA @ 24 VDC
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Not used. Field power bypassed to next expansion module.
Weight	60 g
Module size	12x99x70 mm

Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Communication module specification

Bit distortion	N/A
Cable length	1 km twisted pair
Cable type	Shielded cable recommended
Connection	10 RTB
Data bit	8bit
Data buffer	IO user data 14 bytes, IO size changed, Max. 63 bytes, Control / status 1 byte, Rx/Tx length 1 byte
Flow control	N/A
Low signal voltage	N/A
High signal voltage	N/A
Line impedance	120 Ω
Input image size	16 bytes (default)@ max. 63 bytes
Output image size	16 bytes (default)@ max. 63 bytes
Parity bit	None / Odd / Even (default: None)
RXD buffer	1024bytes
Stop bit	1bit, 2bit (*Default: 1bit)
Transfer rate	1200 ~ 115200bps
TXD buffer	1024bytes

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