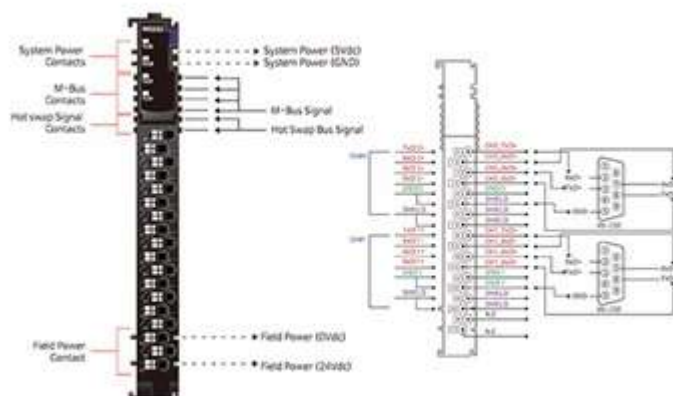




M5222

2 channel serial interface (RS422)

2 channel serial interface (RS422)

TxD, Rx/D, Full Duplex

1200 ~ 115 200 bps

Hotswap

18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8253
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), DNVGL-CG-0339 (Vibration Class B, 4G)
Industrial emissions	EN 61000-6-4/2019
Industrial immunity	EN 61000-6-2 : 2019
Installation position	Horizontal, Vertical
Power dissipation	Max. 85 mA @ 5.0 VDC
Isolation	I/O to Logic : Isolation, Logic to Field power : Isolation (Not used), Logic to System Power : Non-isolation
Field power	Not used Field power bypass to next expansion module
Weight	72g
Module size	12 x 110 x 75 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
Marine	DNV GL
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Environmental

Mounting	35mm DIN rail
Operating temperature	-25 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-25 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Communication module specification

Cable length	1 km twisted pair
Cable type	Shield Cable Recommended.
Connection	18 RTB
Data bit	8bit, 9bit
Data buffer	Control/Status 1 bytes, Rx/Tx Length 1 bytes, IO User data 6~62bytes
Line impedance	120Ω
Input image size	16 bytes (*Default) @ Max. 128 bytes
Output image size	16 bytes (*Default) @ Max. 128 bytes
Parity bit	None, Odd, Even(*Default : None)
RXD buffer	1024bytes
Stop bit	1bit, 2bit (*Default : 1bit)
Transfer rate	1200bps~115200bps
TXD buffer	1024bytes

People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmö, SWEDEN

+46 40 35 86 00 (tel:+46 40 35 86 00)

info@beijerelectronics.com (mailto:info@beijerelectronics.com)