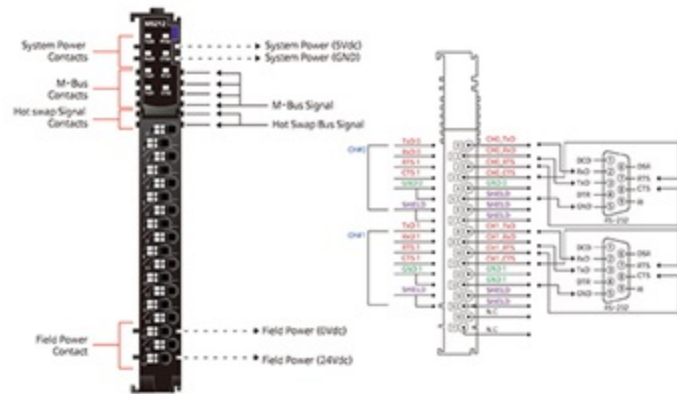




M5212

2 channel serial interface (RS232)

TxD, RxD, Full Duplex
1200 ~ 115 200 bps
Hotswap
18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8252
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
Power dissipation	Horizontal, Vertical 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

Bit distortion	<1.6%
Cable length	Max.15m
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
Flow control	RTS,CTS
Low signal voltage	-18V ~ -3V
High signal voltage	3V ~ 18V
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

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