

M-System Co., Ltd.

Multi-channel, Mixed Signal Remote I/O R3 Series

Features

- Network module model R3-NML3 is designed for MECHATROLINK-III.
- Wide selection of I/O modules including DC, AC, temperature, strain gauge, pulse trains, AC power
- 4 isolated to 16 non-isolated analog inputs per module
- Max. 64 discrete I/O per module
- Dual redundant communication networks and power supplies



R3 Series

Specifications

Item	Specifications
Network module model No.	R3-NML3
I/O module types	Di 16 to 64, Do 16 to 64, DC voltage and current, thermocouple, RTD, potentiometer, twowire transmitter, strain gauge, AC voltage and current, power, totalized pulse, encoder, alarm, BCD
Power input	100 to 120V AC, 200 to 240V AC, 24V DC
Dielectric strength	1500V AC @ 1 minute (MECHATROLINK to internal bus or internal power to power input to RUN output to FG)
Insulation resistance	100M ohms or greater with 500V DC
Operating temperature	-10 to +55 deg.C
Operating humidity	30 to 90%RH (non-condensing)
Atmosphere	No corrosive gas or heavy dust
Mounting	Installation Base (model: R3-BSx)

MECHATROLINK specifications

	M-III
Profile	Standard I/O
Data size	16, 32, 48, 64byte
Transmission cycle	0.5ms, 1ms to 64ms

Contact Information

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