

MultiServer

MultiServer Hardware

Rulergy **MultiServer** is the ultimate industrial IoT gateway, it narrows the distance between the physical and the logical world, easing real-time monitoring and control applications. It also empowers programming through the cloud, but keeping processing local, removing load from your servers with the next generation IoT architecture, the fog computing.

Moreover, because of its dynamic datapipe, which adjusts traffic to demands, is able to ensure remote real-time data acquisition with very low latency and very little data consumption.

Besides the embedded I/O capability, it allows creating a network of devices, either by adding Rulergy I/O Controllers or third-party modules using standard protocols.

Key Features:

- Real-time information
- Hardware interoperability
- Dynamic Datapipe
- Cloud Programming
- Distributed Intelligence
- Local Processing Power
- Remote monitoring and control
- Datalogging
- Infrastructure flexibility and scalability
- Remote diagnosis and troubleshooting
- Remote firmware updates
- Software ecosystem available
- Service management applications
- Reduce service management costs

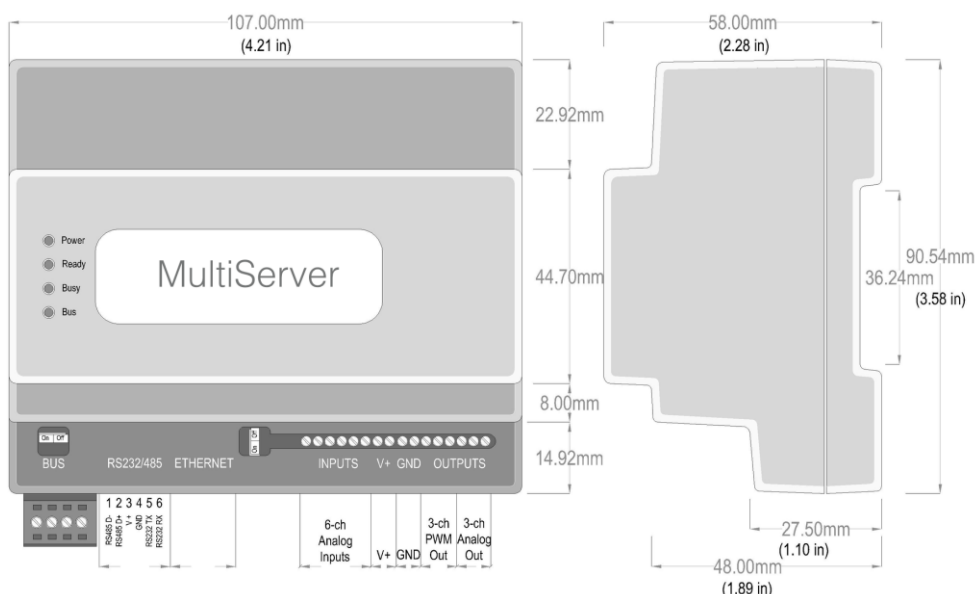


Specifications

General Information			
Dimensions	91(L) x 107(C) x 58 (A) mm		
Weight	Aprox. 190 g		
Storage temperature	-40°C to 85°C		
Operation temperature	0°C to 70°C		
Colour	Dark blue		
Fixation	DIN 43880Rail Standard		
Electrical connection			
Input cables maximum section	0,75 mm ²		
Power supply	12 to 24 VDC		
Nominal consumption	90 mA		
Max. consumption	680 mA		
6 x Input Channels		Analogic Mode*	Digital Mode*
Input range (type)	0 to 24 V or 4-20 mA*		24 V (Maximum)
Input resolution	23,4 mV or 0,02 mA*		-
Samples per second	10 (Standard) or 2300 (Advanced)*		-
6 x Output Channels		PWM and Analogic Mode*	Digital Mode*
	PWM	Analogic	
3 (1-3) Max. voltage	30 VDC	-	30 VDC
3 (1-3) Max. total current or per channel (V+)	500 mA	-	500 mA
3 (4-6) Output voltage	-	0 to 24 VDC	24 VDC (Maximum)
3 (4-6) Output resolution	-	23,4 mVDC	-
3 (4-6) Max. current per channel (common GND)	-	30 mA	30 mA
Communications			
Port RS 232	1		
Port RS 485	1		
GPRS Modem*	1		
CAN BUS for I/O expansion (up to 1 Mbit/s)	1		
Ethernet 10/100 MB	1		
Built-in protocols*			
Modbus Master RTU/ TCP-IP	Up to 1000 Modbus registers		
Modbus Slave TCP-IP	1000 Modbus registers		
KNX	Up to 1000 KNX group addresses		
DMX512	-		
SNMP	-		
WebSockets	-		
REST API	-		
Others			
RTC (real-time clock)	Included		
Datalog*	150000 register log (circular)		

*According to Order Code

Dimensions



Contact us

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