

TECHNICAL SPECIFICATION



PARAMETERS	DESCRIPTION OF SPECIFICATIONS
Inputs and Outputs	16 Analog Inputs - 0[Vdc] to 20[Vdc] – Individually adjustable AD Conversion Resolution - 12 bits
	48 Digital Inputs – <i>Pull-Up, Pull-Down</i> – Individually adjustable Maximum Input Level – 20 [Vdc].
	16 Digital Outputs – Individual Relays with NO and NC Contacts available Maximum switching power – 60 [W] or 2 [A].
	All inputs and outputs available on removable terminal block connector; All inputs protected against overvoltage through TVS diodes.
Embedded System Features	Embedded Linux Operating System – Kernel Version 4.19
	Local/ Remote Configuration via HTTP, SNMP and APIs.
	Embedded OpenVPN Client (over GSM LTE or Ethernet)
	Embedded FTP Server and Client
	Embedded NTP client for internal clock synchronization
	Programming Alarm Levels independently
	Local Log of System Alarms in non-volatile memory
“Data Logger” with independent sampling rate per port	
Processing Capacity and Memory	CPU 32 bits RISC ARM9 Cortex A-8 1200[MIPS]
	128[MB] SDRAM DDR2 memory
	512[MB] NAND FLASH memory
	Possibility of Remote Firmware Update
General Features	External Dimensions: 482[mm] x 240[mm] x 90[mm]
	Standard Equipment Rack 19” 2U
	Operating Temperature: -20 a 75 [°C]
	Maximum Humidity: 80% non-condensing
	Power Supply and Consumption: 48[Vdc]/12[W] (equipment with isolated power supply)
	Weight: 2,245[kg]
5” Touch Screen display for visualization and configuration (optional)	