



- Low Cost
- Low Power
- Flexible I/O size
- Modular
- Support Multiple Industry Standard

Feature

- 16x digital input Cards
- 8x digital output Cards
- 6x analog input Cards
- pbsSoftLogic IEC61131 Programming Environment (FB)
- Wide communication platform RS232 (1x) RS485(1x) 10/100 Ethernet (1x)

Applications

- Electricity and Gas Distribution SCADA System
- Hydro system (water supply, reservoirs, sewage system)
- Electrical power transmission network and associated equipment
- Power plant and electricity substation equipment
- Natural gas networks and associated equipment
- Networks of pump stations
- Environmental monitoring system
- Air traffic equipment such as navigation aids
- Building Management System

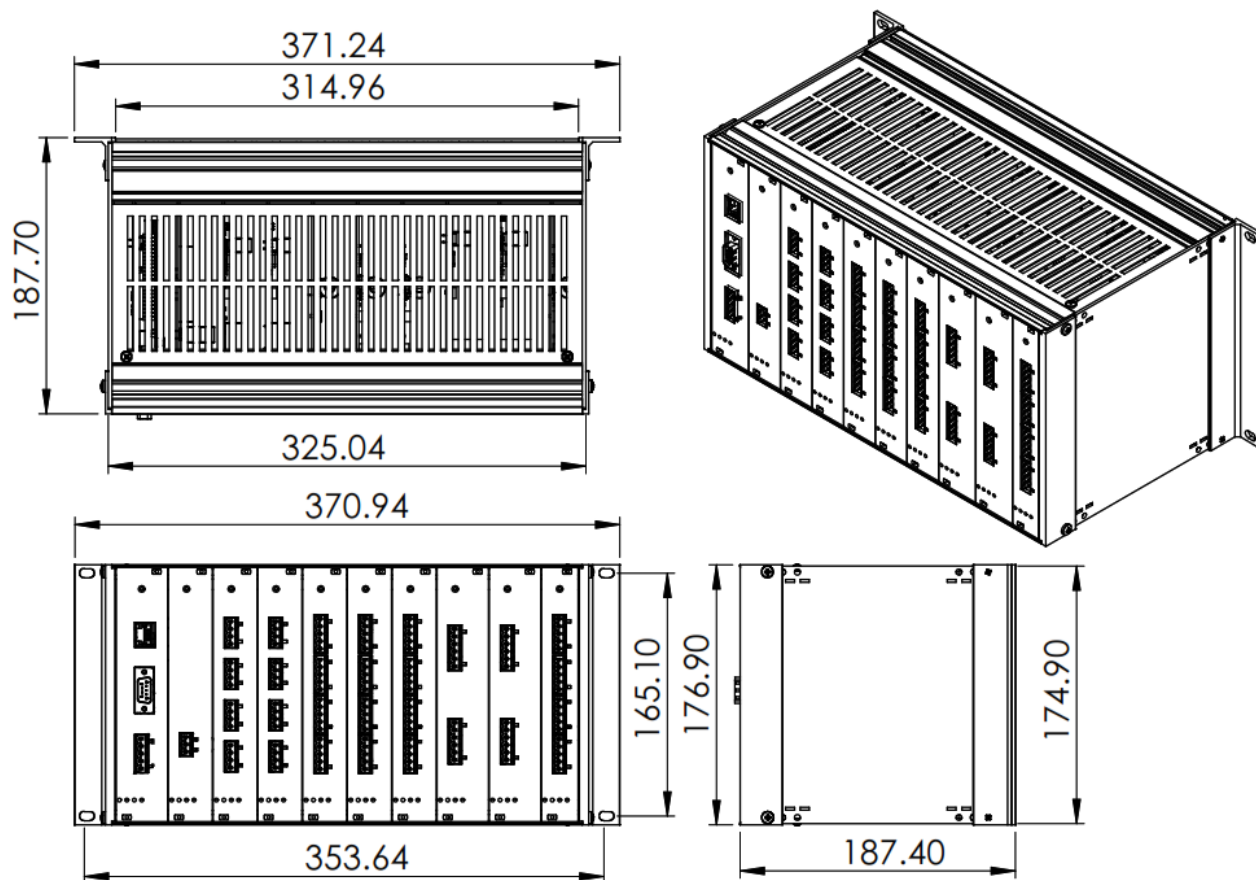
Specification

POWER	CPU	
	External Power	+24 to 60 VDC
	Power Consumption	CPU: Less than 3W DI card: Less than 0.4W AI card: Less than 0.4W DO card: Less than 0.6W
	Internal RTC Power	3v Coin Cell – Type 2023
Input/Output	Digital Input	16CH (24-48VDC)
	Digital Output	8CH (Relay 16A 250V)
	Analog Input	6CH 16bit (5A)
Communication	Ports	1x RS232 1x RS485 1x 10/100 Ethernet
	Protocols	DNP3 Master/Slave IEC870-5-101/104 Master/Slave Siemens S7-Connect Client Modbus RTU Master/Slave Modbus TCP Client/Server OPC UA Server (DA,AE,HD) Interface SQLite Driver for local data archiving with MS SQL Server Direct Client Driver
Processor	CPU	32-bit ARM Cortex A8 @ 1GHz
	Memory	Flash 4GB (EMMC) RAM 512 MB DDR3 Micro SD Slot: Up to 32GB
Programming Tools Dimension	pbsSoftLogic IEC61131	Function Block User defined FB by Lua or C++
	Operation System	Embedded Linux
Dimension	Size (WxHxD) / mm	CPU: 320x166x174 Cards: 30x166x174
	Material	Aluminum
Mounting	Flush Mount	
Environmental Condition	Temperature(Operation)	-25 to 70 °C
	Temperature(Storage)	-40 to 85 °C
	Humidity	0 to 95X non-condensing

KETTON

Power and Safety

Dimension



Standards

Topic	Standard
Analog Input	IEC 60870-3/4 IEC 60870-4
Power Supply	IEC 60870-2-1 IEC 60870-4
Digital Input	IEC 60870-3
EMC	IEC 61000-4-2(and 3,4,5,6,8,10,11,29,18,17) CISPR22
Climatic Condition	IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-30

Contact us

Website: <http://www.kettonpower.com>

Address: No 2006- X3- Cluster X- JLT-Dubai- UAE

Email: info@kettonpower.com

Tel: +971 501 350681 +44 7908 690582

WhatsApp: +971 501 350681 +44 7908 690582