DAFFUE ELECTRONIC SOLUTIONS cc

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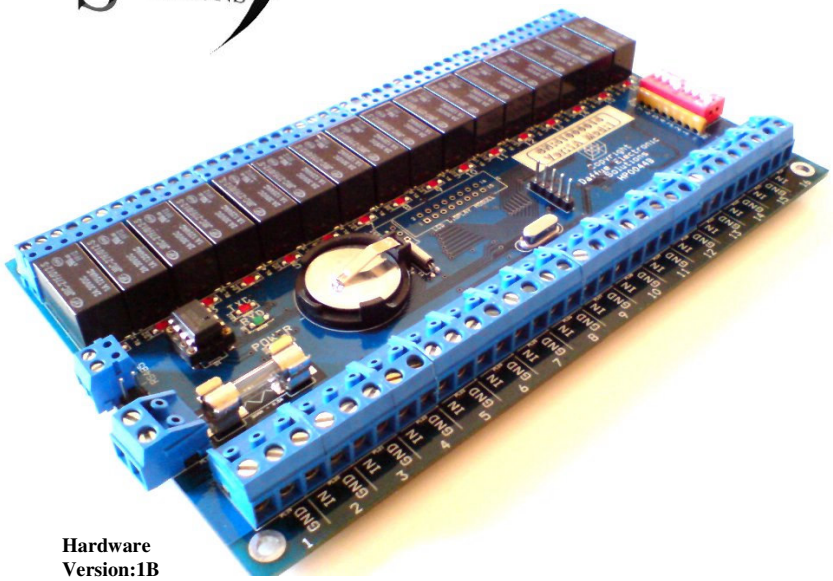


Hardware Version:1B

MULTI-IO

Description:

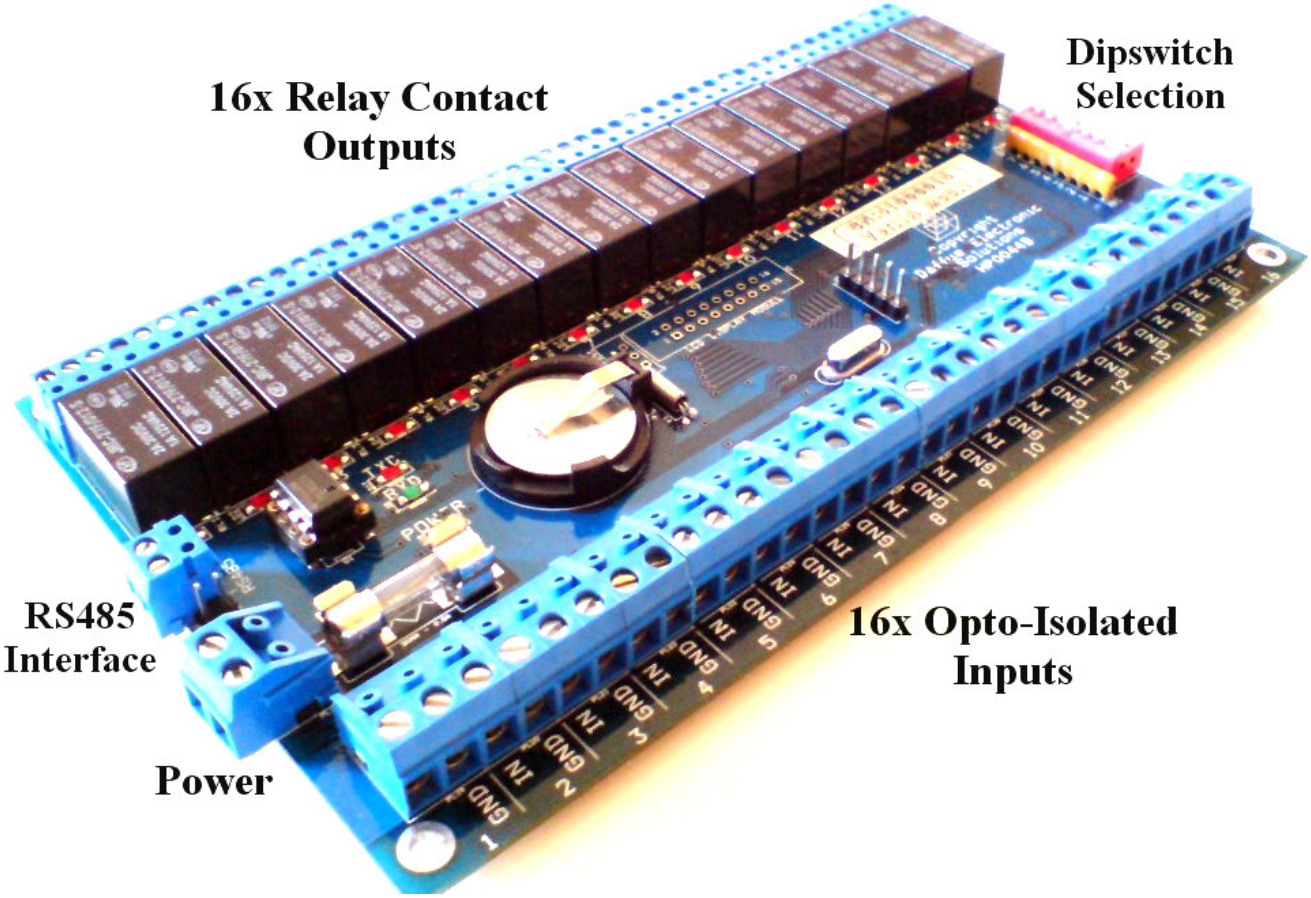
The MULTI-IO is a 16Channel Opto-Isolated Input and Relay Output Module with a vast range of build in RS485 programmable algorithms. These algorithms make the module capable of handling and performing an extensive range of functions, making the module a powerful Alarm and Building Management Module

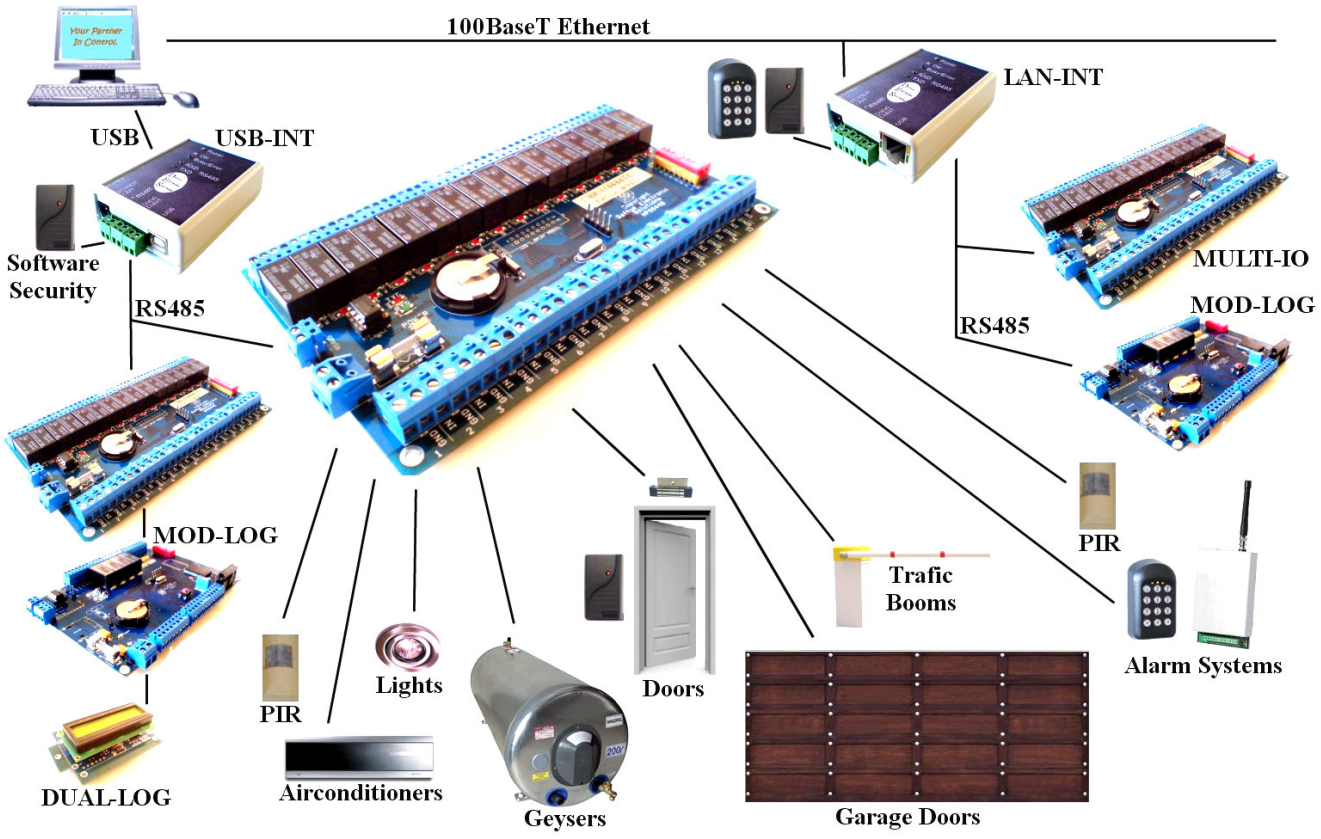
Technical Information

- PCB Size LxW(Incl. Connectors LxWxH)	170mm x 101mm (174mm x 101mm x 14mm)
- Weight	240g
- Power Supply	9 to 12VDC @340mA(Max) – Polarity and Surge Protected
- Temperature and Humidity	-40 to 70°C with up to 90% Relative Humidity
- Communication Interfaces	RS485
- Opto-isolated Inputs	16
- Relay Contact Outputs	16 NO/C/NC
- Total Event History	5,000
- Event Consist of	Input Activation and De-Activation, Relay Output Activation and De-Activation, Power Events – all events with Time and Date Stamps
- Non-Volatile Memory	Yes
- Optional Liquid Crystal Display Interface	Yes

* Programmable Algorithms Included

- Reflex Programming and Activation	Yes – Input active and software active Reflexes – up to 90. Reflex functions include: Toggle-, Continuous- and Delayed Active Output Functions
- Time Zones	Yes – Daily and Weekly Time Zones, 5 to 9 Intervals
- Time Zone on Relays	Yes – Relays are automatically controlled using time and date.
- Time Zone on Inputs	Yes – Algorithms programmed on inputs are controlled depending on time and date.
- Input Status Programming	Yes – Inputs could be programmed to be default NO or NC
- Input Delay Programming	Yes – Inputs could be programmed to have a delay before becoming active
- Remote Monitoring and Control of IO	Yes – All Inputs and Outputs could be monitored by remote software and Outputs could be controlled by remote software.
- Holiday Definitions	Yes – Holidays could be programmed to be used in the Time zone programming and control


16x Relay Contact Outputs
Dipswitch Selection
RS485 Interface
16x Opto-Isolated Inputs
Power


100BaseT Ethernet
USB
USB-INT
LAN-INT
Software Security
RS485
MULTI-IO
MOD-LOG
RS485
MOD-LOG
PIR
Trafic Booms
Alarm Systems
PIR
Lights
Doors
DUAL-LOG
Airconditioners
Geysers
Garage Doors