



Introduction

There are many expansion board and prototyping kits available in market, which are good for experimental purposes but it's hard to find the one which is designed for real world application or to be used as an end product. The SX142 is not only designed for prototyping but to cater most of real world applications for automation and control.

In a typical automation and control system there are some inputs and outputs which are connected to myriad of external sources: buttons, switches, sensors, relays, and communication devices, etc. In certain environments and situations, these sources can pose a threat to the electronics – especially if those electronics are designed without thought of protection. The SX142 is designed with adequate protection to connect with these sources and be used as an end product in real world industrial applications.

Expansion Board Features

- Supports all SM01 Series Modules
- Prototyping area for additional functionalities.
- CR1220 battery holder for RTCC
- 2Kb UNI-I/O EEPROM with EUI-48™ Node Identity
- Auxiliary supply output protected with resettable fuse and short detection.

Expansion Board Specification

- 4 Digital Inputs
- 2x 10A Relay outputs
- 1x auxiliary supply output
- 1x RS485
- 1x console interface
- Dimension: 120x56mm
- Supply Voltage: 12V (24V Optional)

CY 143	Description
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2