



Features

- 16-ch Bussed SPDT form C Relays
- USB Powered and Controlled
- 8/16 Relays Bussed Common
- User LED and user Jumper
- Small Footprint
- Din-Rail mounting ready

Introduction

The IA-2116-U is a tiny and intelligent 16 Relays module, powered and controlled by its USB port.

The IA-2116-U provides both NO and NC (Normally Open and Normally Close) channels, while the relays common line is shared between 8 or 16 relays, to ease the wiring efforts.

The IA-2116-U is one of the IA-21xx Tiny Modules Series, providing 16 Form C (SPDT) kind Relays, with a power handling capability of 2AMP@30VDC.

The module has special features as a LED and extra Jumper for user special definition, and it is software compatible to the other IA series products.

For non-bussed relay board, use IA-2117-U

Specifications

Control Port

Communication method	USB
Default BR	19200, 8, n, 1
Communication Rate	1200-115200 bps

Relays

SPDT	16-ch
Contact Rating	2Amp @ 30VDC 0.5Amp @115VAC 0.25Amp @ 250VAC
Electrical Endurance	5x10 ⁵ at 30VDC / 2Amp
Mechanical Endurance	10 ⁸
Operate Time	4mS
Release Time	4mS

General

Supply Voltage	USB Powered
Operating Temp.	0~60° C
Dimensions:	
w/o Din Rail	110x52x20 mm
w Din Rail	114x56x40 mm
Weight:	
w/o Din Rail	85g
w Din Rail mounting	125g

Ordering Information

IA-2116-U:	16-ch Bussed Relays. USB Power and Controlled
IA-2115-U:	8-ch Relays, 8-ch Isolated Digital Inputs USB Power and Controlled
IA-2117-U:	16-ch Unbussed Relay Board, USB Powered and Controlled, 3-ch Dry- Contact Digital Inputs