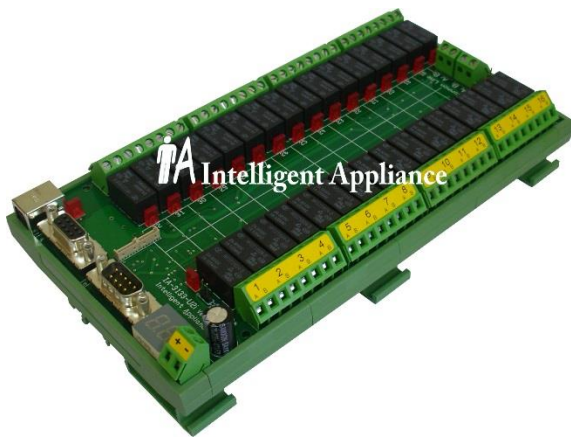# IA-3133-U2i

Dual / Quad Pole
32-ch Multiplexer
USB or RS-232 Controlled

iA Intelligent Appliance
For Smart Solutions...

Features

- 32 Relay Multiplexer
- USB or RS-232 Controlled
- Dual Pole, 32 Channels or
- Quad Pole, 16 Channels.
- `Break-before-Make` Operation
- 2Amp@30VDC Contact Rating
- Multi-Drop System enabled
- Easy Channel Expansion
- Watchdog Secured Operation
- DIN-Rail Mounting ready
- Simple Wiring

Introduction

The IA-3133-U2i is an Intelligent-Appliance Dual/Quad line Relay Multiplexer board with 32/16 states, also defined as a 32 Differential channel selector or as a 16 Dual Differential channel selector.

The Relay Multiplexer Board includes a "break before make" mechanism and can be used as an electronic sequencer, a random state activator or multi-state activator, software selectable.

The IA-3133-U2i includes both USB and RS-232 ports that can be directly connected to any PC computer, or it can be chained by its built in Daisy Chain facility.

The IA-3133-U2i is a Series-3000 compatible, with the same software support package and open source samples.

Specifications

Multiplexer

Channels	32-ch, 2 Pole
	16-ch, 4 Pole
Contact Rating	Up to 2Amp @ 30VDC
Multiplexer Method	Dual / Quad Pole
	'Break-before-Make'
Expansion Unit	IA-3133-2, IA-3133-U2i

Communication

PC Port	USB or RS-232
Expansion Port	RS-232
Expansion Connector	DB9, Male
Expansion Cable	DB9 M\F pin-to-pin

General

Power supply:	24VDC, 0.6Amp
Module size:	220x110x45
Weight:	470gr

Ordering Information

IA-3133-U2i	**32/16**-ch, Quad/Dual pole Relay Multiplexer, **USB/RS-232**
IA-3133-U2i-P	IA-3133-U2i, with pluggable Terminal Blocks
IA-3133-BEP	**64/32/16**-ch, Quad/Dual/Single pole Relay Multiplexer, **TCP/IP**
IA-3133-BU2iP	**64/32/16**-ch, Quad/Dual/Single pole Relay Multiplexer, **USB/RS-232**

CE FC RoHS