

# VersaNet2 Radio Data Network

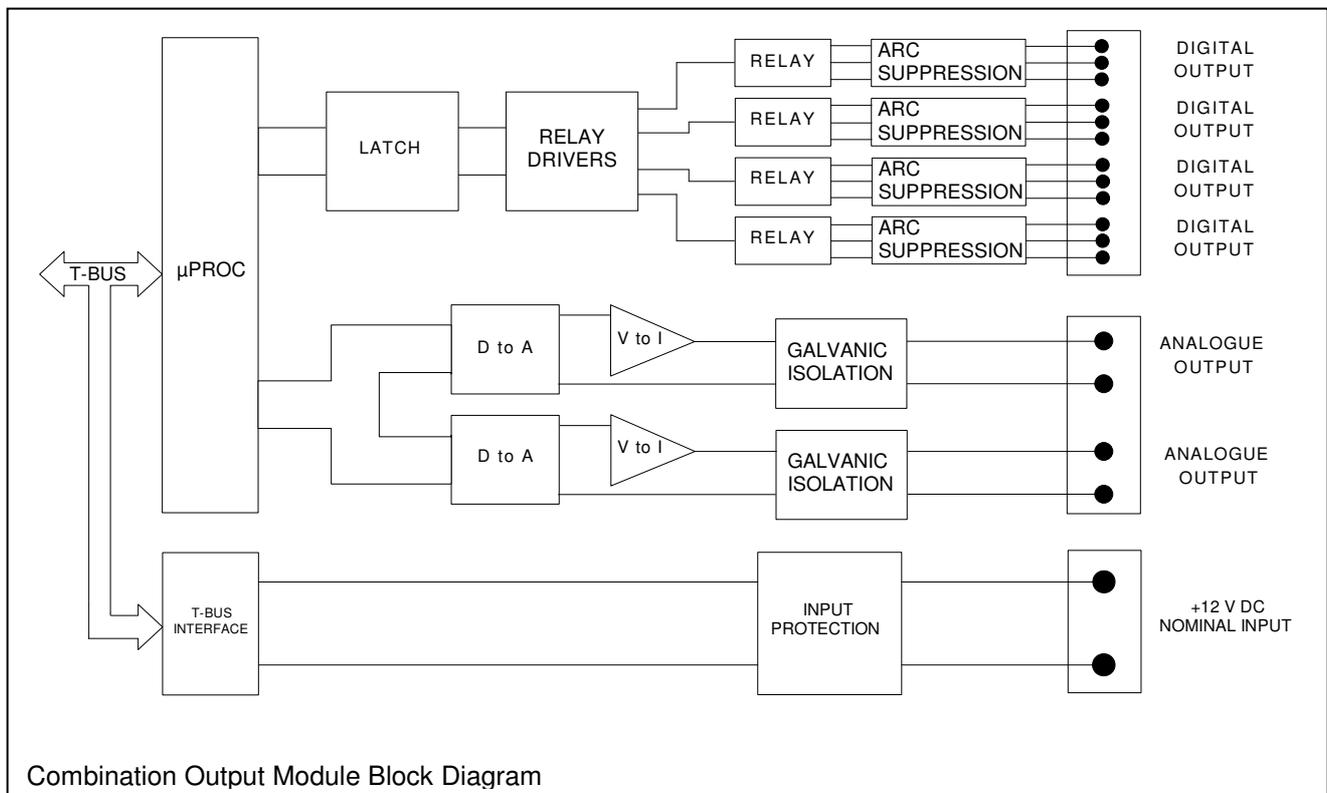
## Combination Output Module

### Part No.IRDN310

Publication IRDN310/1/APR2013

## Features

- Provides four digital outputs and two DC analogue outputs
- Analogue current outputs may be converted to DC voltage by the user
- Enables very cost-effective nodes to be constructed
- Only one Combination Output Module can be used per VersaNet node



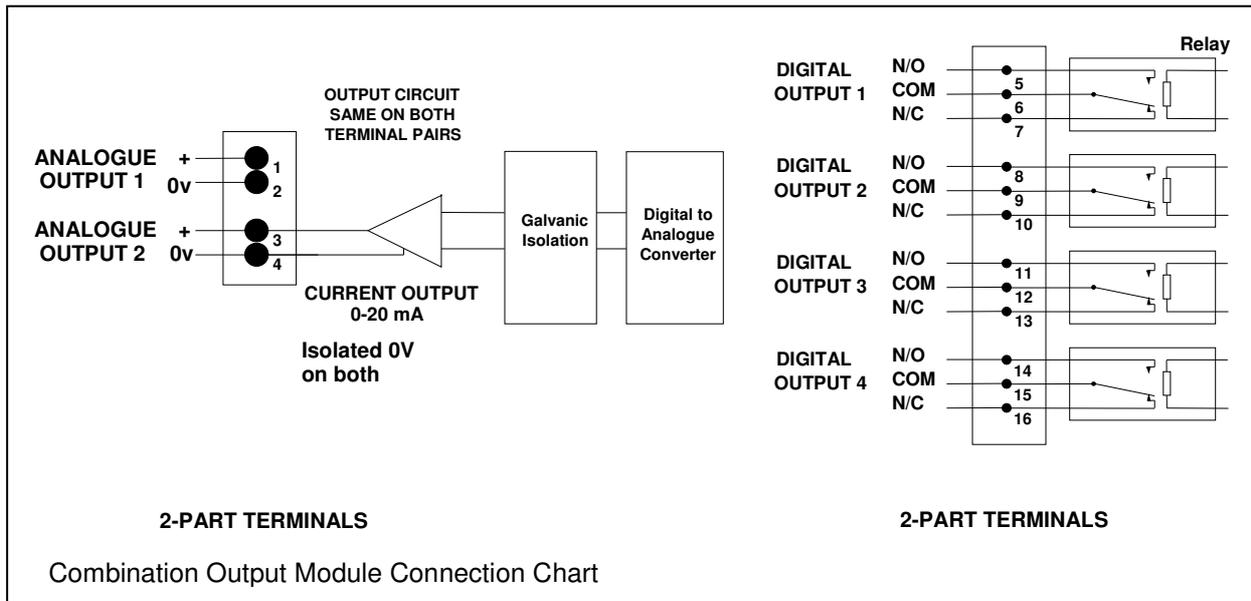
## Brief Description

The Combination Output Module provides four digital outputs through changeover relays and two channels of DC analogue data. The analogues are 0-20mA DC current outputs and may be converted to DC voltage using external precision resistors.

The analogue outputs have galvanic isolation offering 1,000V isolation between output channels and earth. There is also arc suppression across the relays of each digital channel. Only one of these modules may be used in a node.

## Technical Specification

<p>Module Name Part Number No. of modules per Node Processor Internal Interface Relay Outputs Loading</p> <p>Output settling time Analogue Outputs</p> <p>Precision Load Resistance Power Supply Current Consumption</p> <p>Operating Temperature User connection Dimensions Weight</p>	<p>Combination Output IRDN310 1 maximum 80C31 T2-BUS Slave Peripheral 4 changeover, with arc suppression Minimum 1 mA @1V DC Maximum 1A @240V AC 3A @120V AC 3A @30V DC</p> <p>500mS maximum 2 x 0-20mA current devices with 1,000V isolation to earth 12 bit 250 ohms 11-14V DC through T-BUS Minimum 50 mA Maximum 120 mA</p> <p>-10°C to +55°C 2 part screw terminals 144 x 167 x 32mm 0.6kg</p>
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