

Features



- Two version of the board :

	Low voltage	High voltage
Reference	5053-0608-1-BT	5053-0608-1-HT
Max. switching voltage	48VDC or 40VAC	60VDC or 125VAC
Max. switching current	1A	500mA

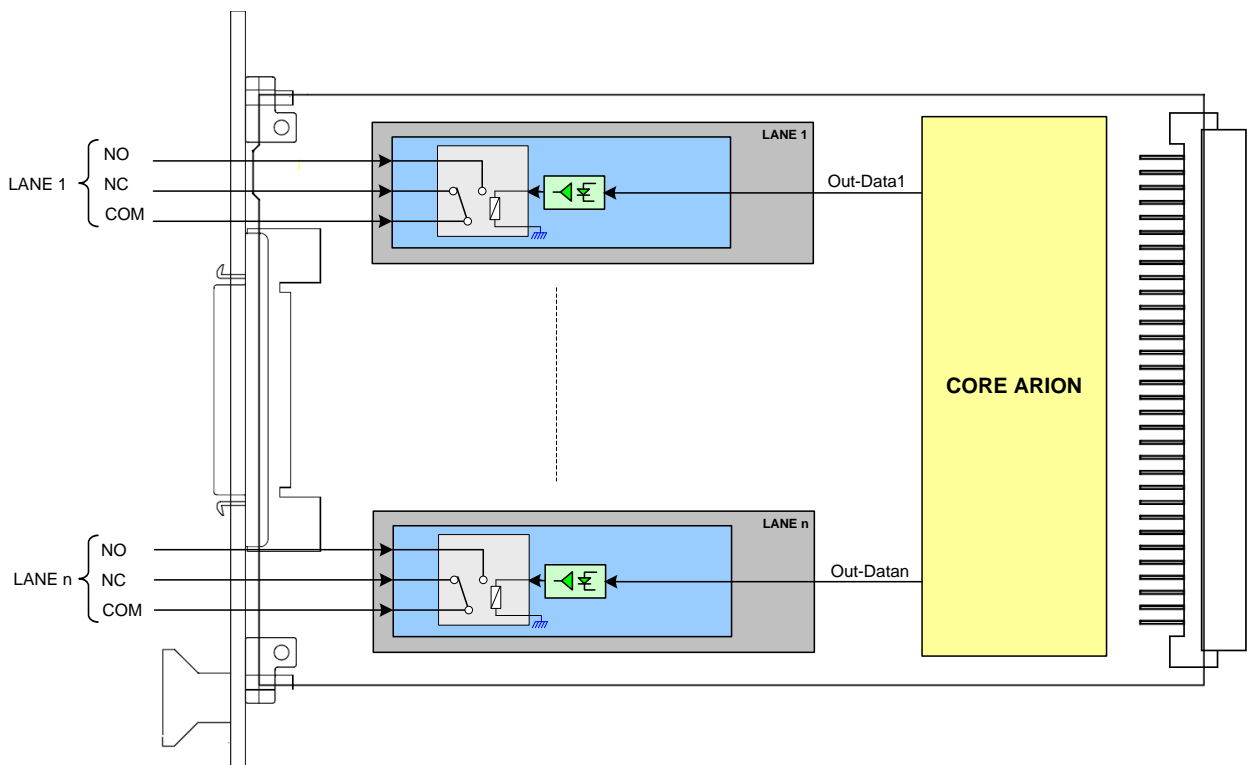
- Optically isolated: provides a direct connection to industrial equipments
- Common mode transient immunity of 100V/μs
- All outputs are protected from transient voltage spikes, short-circuits and overvoltage

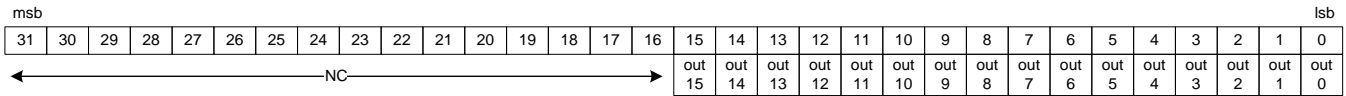
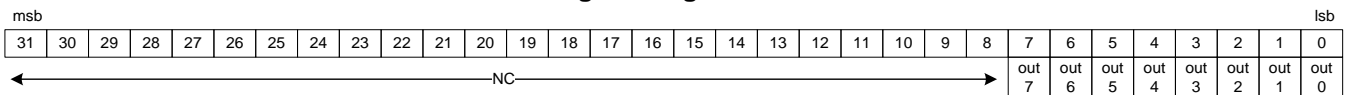


Physical and environmental condition

Dimensions: 3U format (length 160mm) x 3T
 Temperature: Industrial range temperature -40°C / +85°C
 Weight: 300g
 Consumption: 450mA for analogical 5V line and 300mA for numerical 3.3V line

Block diagram



Data coding:
Low voltage Board

High Voltage Board

Arion operating modes

Regarding the data of Arion-IO boards, three operating modes are available.

These 3 modes can ONLY be used in 'Global Channel'; See Configuration documentation for more information.

1. Cyclic mode: default mode

On cyclic trigger, the data are set to the outputs of the board.

Remark: The cyclic trigger is created by a configurable timer. This timer is set during the configuration step.

2. Up-Sampled mode: this mode works like cyclic mode but with N samples.

On cyclic trigger, a sub-cycle is defined to set N data samples to the outputs of the board.

Remark: The N number of samples has to be defined during the configuration step.

3. On demand: this mode is only available on Output Boards.

The data are set to the outputs of the board when the user writes data.