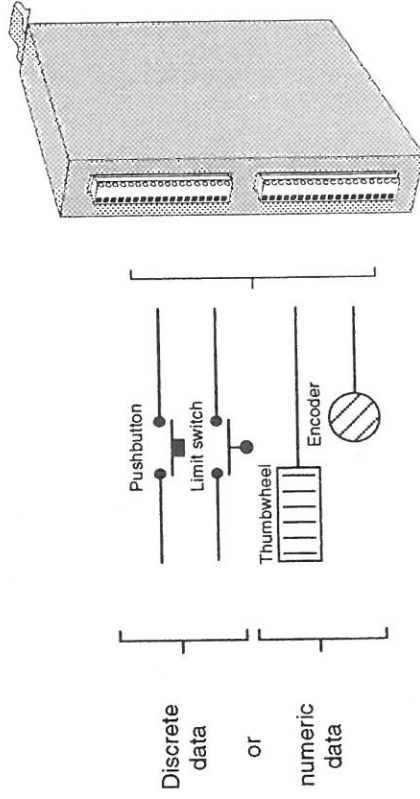


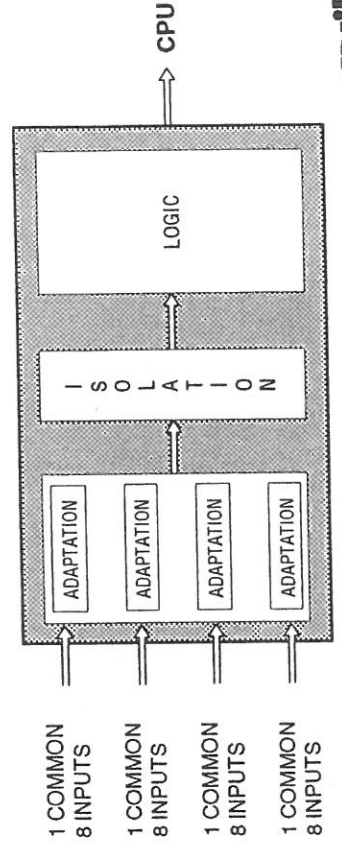
24 VDC 32-input module : IDA2320

Introduction

This module is used for the acquisition of discrete or numeric data.
The information received is checked and transmitted to the CPU to update the data memory.
The module complies with standard IEC 65A.

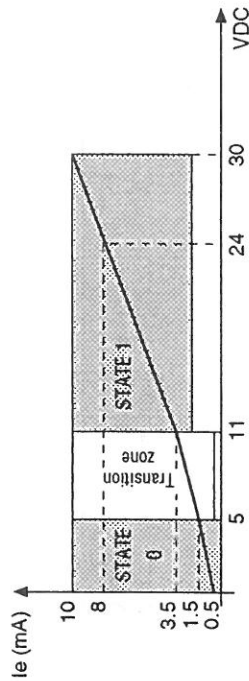


The module has 32 input channels 24 VDC. The 32 channels are divided into 4 blocks of 8 channels which are isolated from each other.



Characteristics

Nominal operating voltage	24 VDC
Current consumed at nominal voltage	8 mA per input
Resistance to reverse voltage	30 V
Isolation between the logic part and adaptation	2 kV
Isolation between 2 blocks of 8 inputs	2 kV
Filtering time	15 ms ± 20 %
Operating temperature	5 to 55° C
Storage temperature	- 25 to + 70° C
Relative humidity - operating and storage	≤ 90 % no condensation
Weight	~ 1 kg
Dimensions	160 x 242 x 34 mm
Standards	IEC 65A



Use in programming mode

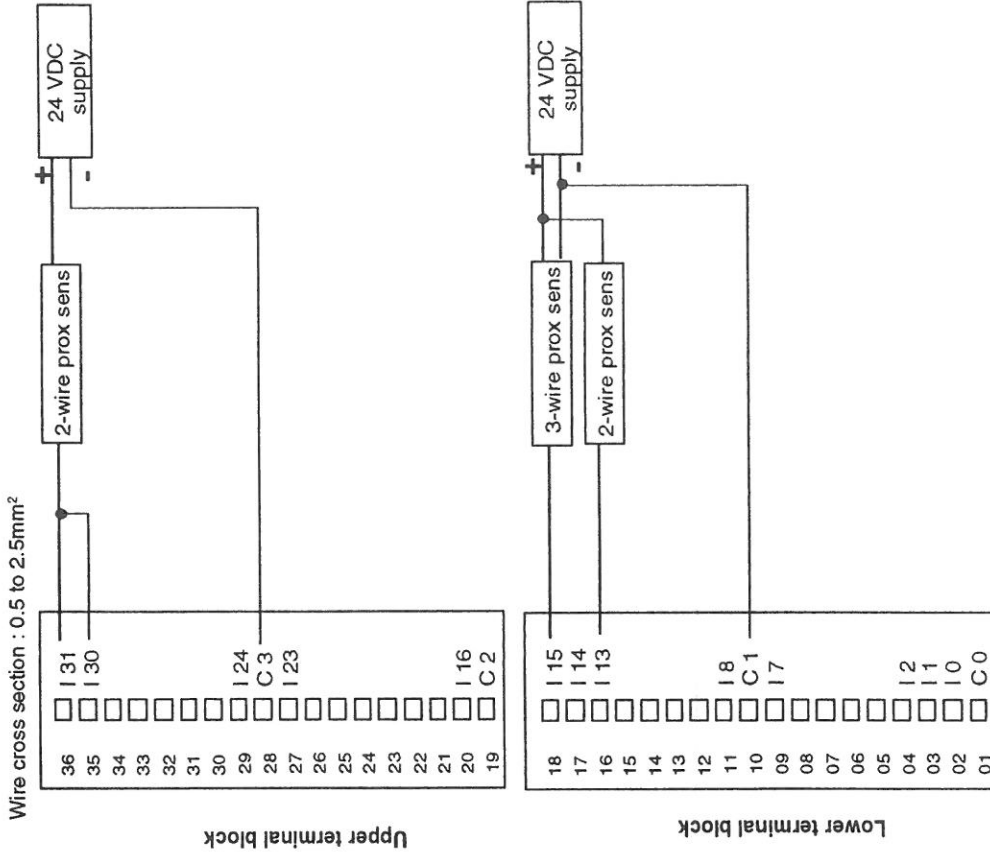
The module acquires inputs and transmits the state of the inputs to the CPU which updates the image bit inputs %IXn (Input).

n =	rack n°	n° of slot in the rack	n° of input in the module
	0 CPU rack	1 to 8	00 to 31
	1 extension rack 3000		

Example : rack 0, slot 2, input 6 → %IX206

Programming numeric inputs : see ORPHEE manual, Part B.

Connection, power supply



External power supply

24 VDC -15% +20%, 380mA
Maximum residual ripple : 500mV peak to peak. The presence of this power supply is not monitored.