

DIS32

Digital input module

Overview

- Atlas' digital input module
- Digital signals acquisition – alarms, apparatus states, status report
- Maximum capacity: 64 modules per device
- LED indication of active inputs and module operation/fault

Application

Digital input module DIS32 accepts digital signals for Atlas Max[®], Atlas XP and Atlas MTU.

Design

DIS32 module consists of a double Eurocard (233.4x162.5mm) and a front mask (262x30mm), and it fits into 19" racks.

Terminal Connection

Outputs: 32
 Connection: groups of 4 inputs
 Interface type: Opto-coupler
 Galvanic insulation: 2kV between outputs and electronics

Technical Data

Input voltage:		Power supply:	Voltage (nominal) +5VDC
Nominal values:	Vs = 24/48/110 VDC	• Standard deviation:	+/-5 % nominal value
Vs = 24V	logical "0"(0-12)V; logical "1"(18-24)V	Power consumption:	100mA
Vs = 48V	logical "0"(0-36)V; logical "1"(40-48)V	Power supply for digital inputs:	
Vs = 110V	logical "0"(0-68)V; logical "1"(90-110)V	• DC voltage:	24VDC or 48VDC or 110DC
		• Standard deviation:	75% do 150% nominal value
Input power:	4mA / 48VDC 2mA / 110VDC	Temperature:	Operative (standard) 0 to 50°C
		Relative humidity:	5 to 95%

