

BIS32W

Digital input module

Functions

- Digital input module for RTU/PLC Atlas family
- Digital signal acquisition – alarms, apparatus states, statuses
- Maximally 64 modules per RTU
- LED indication of active inputs and module operation/fault

Application

Digital input module BIS32W acquires digital signals from the process for internal processing by the controllers Atlas Max[®], Atlas XP2 and Atlas MTU.

Design

Double Eurocard (233,4x162,5mm). Front mask dimensions: 262x30 mm.
Module is designed for standard 19" rack.



Terminal connection

Number of inputs	32
Terminal connection	In groups of 8 inputs
Interface type	Optocoupler
Galvanic isolation	2 kV between inputs and electronics

Technical specification

Input voltage	
- nominal value	$V_s = 24/48$ VDC
- logical "0"	0 - 0.8V _s
- logical "1"	0.9V _s - V _s
Input current	
	2 mA per input
Power supply for electronics	
	5VDC
- allowed variation	+/-5%
Acquisition rate	
	1 ms
Power supply for digital inputs	
	24VDC/48VDC
- allowed variation	75% - 150%
- power consumption	100mA@5VDC
Temperature	
	Operational (standard) 0 to 50°C
Relative humidity	
	5 to 95% non condensing