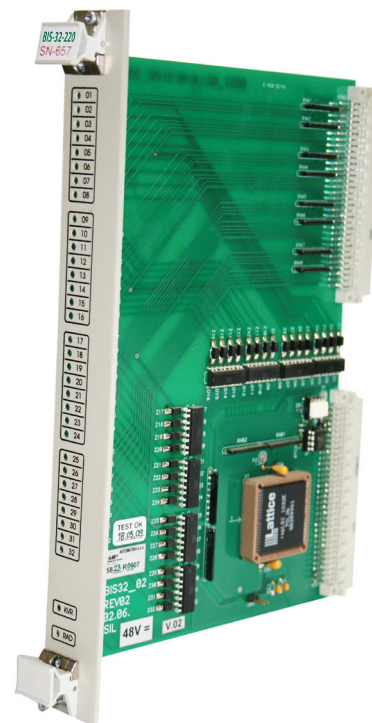## BIS32-220
### Digital input module

## 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 BIS32-220 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 | 220VDC |
| - logical "0" | 0-150VDC |
| - logical "1" | 190-250VDC |
| **Input current** | 1 mA per input |
| **Power supply for electronics** | 5VDC |
| - allowed variation | +/-5% |
| **Acquisition rate** | 10 ms |
| **Power consumption** | 200mA@5VDC |
| **Temperature** | Operational (standard) 0 to 50°C |
| **Relative humidity** | 5 to 95% non condensing |