

### BIS32

### Digital input module

#### Functions

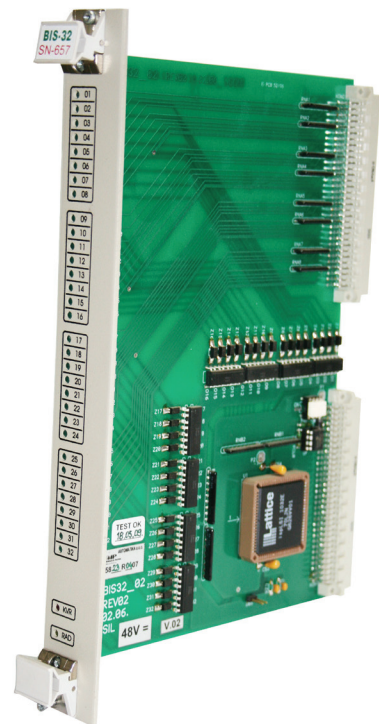
- Digital input module for RTU/PLC Atlas family
- Digital signal acquisition – alarms, apparatus states, statuses
- Maximally 64 modules per RTU
- LED indication of active inputs and module operation/fault

#### Application

Digital input module BIS32 acquires digital signals from the process for internal processing by the controllers Atlas Max<sup>®</sup>, 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

<b>Input voltage</b>	
- nominal value	$V_s = 24/48$ VDC
- logical "0"	0 - 0.8Vs
- logical "1"	0.9Vs - Vs
<b>Input current</b>	2 mA per input
<b>Power supply for electronics</b>	5VDC
- allowed variation	+/-5%
<b>Acquisition rate</b>	1ms
<b>Power supply for digital inputs</b>	24VDC/48VDC
- allowed variation	75% - 150%
- power consumption	200mA@5VDC
<b>Temperature</b>	Operational (standard) 0 to 50°C
<b>Relative humidity</b>	5 to 95% non condensing