3.4.2 Front View

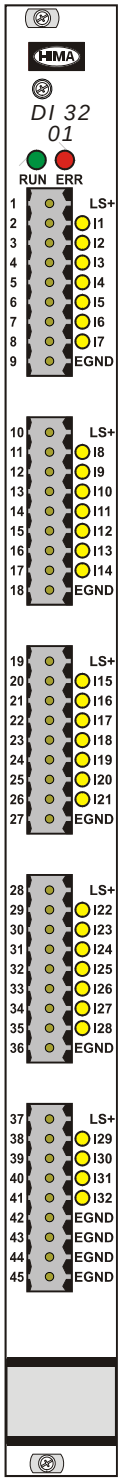

Figure 4: Front View

3.4.3 Status Indicators

LED	Color	Status	Description
RUN	Green	On	Operating voltage present
		Off	No operating voltage
ERR	Red	On	Module faulty or external faults Reaction as dictated by the diagnosis
		Off	No module faults and / or no channel faults

Table 5: Status Indicators

3.4.4 I/O LEDs

LED	Color	Status	Description
I 1...32	Yellow	On	The related channel is active (energized).
		Off	The related channel is inactive (de-energized).

Table 6: I/O LEDs

3.5 Product Data

General	
Operating voltage	24 VDC, -15...+20 %, $r_{PP} \leq 15$ %, from a power supply unit with safe insulation, in accordance with IEC 61131-2
Operating data	3.3 VDC / 0.05 A 24 VDC / 0.2 A
Ambient temperature	0...+60 °C
Storage temperature	-40...+85 °C
Space requirement	6 RU, 4 HP
Weight	260 g

Table 7: Product Data

Digital inputs	
Number of inputs	32, galvanically separated
Input voltage High level Low level	nom. 24 VDC 10...30 V max. 5 V
Input current High level Low level	 2 mA at 10 V, 5 mA at 24 V 1 mA at 5 V
Switching point	typ. 7.5 V
Supply	5 x 20 V / 100 mA (at 24 V), short-circuit-proof, current limited

Table 8: Specifications for Digital Inputs

3.5.1 Product Data DI 32 014

The DI 32 014 model variant is intended for use in railway applications. The electronic components are coated with a protective lacquer.

DI 32 014	
Operating temperature	-25…+70 °C (temperature class T1)

Table 9: Product Data DI 32 014

The DI 32 014 module meets the vibration and shock requirements in accordance with EN 61373, Category 1, Class B.