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DIGI32 model 6
digital input card, 32 input channels



The DIGI32 card is a digital input card for non-safety-related digital field signals. It is certified not to interfere with safety functions when used in mixed-mode systems.

Technical data

- 32 digital inputs (passive)
- 24VDC rating
- all input signals with passive filter
- operating point defined at 10V +/-1V
- galvanical isolation between input-side and backplane interface
- in inactive state the inputs show the defined low level
- over-voltage protection
- automatic card identification in FS1 bus
- card address configurable by rotary switch

- hot-replaceable
- signals connected via DIN 41652 Sub-D multipoint female connector (50-pin), at the face plate

- maximum input voltage: +45VDC, -9VDC, max. +/- 2 Vpp ripple
- current consumption: +5V / 420mA typical
- power supply: 4.85V ... 5.25V, max. 80mV Vpp ripple

- dimensions: 4TE, 3HE, 175mm (WxHxD)

- operating temperature range: -20° ... 60 °C
- relative humidity: 10 ... 90% non-condensing
- shelf life: unlimited

- applied standards: IEC 61131-2, EN 55016

DATASHEET