Product sheet

64-channel discrete input module 24 V DC

Brand: SCHNEIDER

Reference: IMPO BMXDDI6402K



Discreet 64-channel isolated input module for Modicon X80 systems, compatible with 24 V DC positive, inlet impedance of 40 k↔, typical filtering time of 4 ms and maximum 7 ms. Designed for industrial environments with IP20 protection, 3 gn vibration resistance and 30 gn shocks.

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Description

64-channel discrete inlet module designed for Modicon X80 systems. It allows the connection of digital signals in industrial environments, offering electrical insulation to reduce electromagnetic interference. It works with a positive input voltage of 24 V DC and has an input impedance of 40 k★.

Technical characteristics

- Number of digital entries: 64
- Discreet input: Isolated
- Type of entry: Current collector (positive logic)
- Input voltage: 24 V DC positive
- Discreet input current: 0.6 mA
- Tensions range: 19...30 V
- Entry Impedance: 40000 Ohm
- Insulation resistance: > 10 MOhm at 500 V DC
- Dissipated power: 4.3 W
- Typical filter time: 4 ms
- Maximum filter time: 7 ms
- Parallel entries: No
- Typical current consumption: 160 mA in 3.3 V DC
- MTBF: 342216 h
- Protection type: 1 external fuse per channel group, 0.5 A, fast cast, no reverse polarity

protection
- Detection threshold voltage: > 18 V DC
- Status LED: RUN (green), channel diagnosis (green), module error (red), module I/O (red)
- Weight: 0.145 kg
- Degree of protection: IP20
- Dielectric force: 1500 V AC (50/60 Hz) for 1 minute between primary/secondary, 500 V DC for 1 minute between groups of channels
- Vibration resistance: 3 gn
- Shock resistance: 30 gn
- Storage ambient temperature: -40...85 °C
- Operating ambient temperature: 0...60 °C
- Relative humidity: 5...95 % at 55 °C without condensation
- Maximum operating altitude: 0...2000 m, 2000..5000 m with
- Directives: 2014/35/EU (low voltage), 2014/30/EU (EMC)
- Sustainable supply status: Product Green Premium
- According to REACh without SVCC: Yes
- EU RoHS Directive: Proactive (out-of-scope) compliance
- No mercury: Yes
- RoHS exemptions: Yes
- RoHS China Regulations: X
- WEEE: To be discarded according to specific EU collection system

Specifications

Frequency	50/60 Hz
EAN	3595863910445
Manufacturer	SCHNEIDER
Range	Industrial
Intensity	160
Weight (kg)	0,145 kg
Power (W)	4,3 W
Maximum power (W)	4,3 W
Protection	IP20
Nominal voltage (V)	24 V CC

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