

AMIKON LIMITED

TRICONEX SAFETY SYSTEMS

Product Data Sheet

3564

Digital input module

INPUT POINTS 64 commoned channels	NOMINAL INPUT VOLTAGE 24 V DC	DC OPERATING RANGE 15–30 V DC	WEIGHT 2.25 kg
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Triconex 3564 is a Digital input module used with the Tricon safety instrumented system. Verify the complete product identity and installed configuration before replacement.

01

VERIFIED TECHNICAL DATA

Module Type	Single digital input module
Input Points	64 commoned channels
Nominal Input Voltage	24 V DC
DC Operating Range	15–30 V DC
Maximum Input Voltage	36 V DC
Off-to-On Threshold	Above 15 V DC
On-to-Off Threshold	Below 6 V DC
Nominal Turn-on Current	2–3 mA
Typical Hysteresis	4 V DC
Input Delay	Below 2 ms in either direction

02 ADDITIONAL TECHNICAL DATA

Minimum Point Isolation	1,500 V DC
Nominal Input Impedance	Above 3.0 kΩ
Point Load at 24 V	0.2 W per active input
Maximum Point Load	0.5 W at maximum field voltage
Diagnostic Indicators	Per-point state plus PASS/FAULT/ACTIVE

03 PRODUCT IDENTITY AND FUNCTION

The exact 3564 identity describes a Digital input module. Match its ratings, suffixes, connectors and system position with the installed Triconex equipment. Preserve approved configuration and maintenance records.

04 OFFICIAL APPLICATIONS

- Process safety and emergency shutdown maintenance
- Fire and gas protection system lifecycle support
- Exact-model replacement in documented Triconex configurations

05 SYSTEM AND COMMERCIAL REFERENCES

Product	3564
Manufacturer	Triconex / Schneider Electric
Origin	United States
HS reference	8538900000
Packed size	2.2 × 40.8 × 39.8 cm
Shipping weight	2.25 kg
Warranty	12 months from AMIKON

AMIKON PRODUCT SUPPORT

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