AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

FPR3315101R1032

ICSI16D1 24 V DC Input Module

TYPE	REFERENCE	FAMILY	SCOPE
ICSI16D1 24 V DC Input Module	**FPR3315101R1032**	**Procontic CS31**	**24 V DC variant**

ABB FPR3315101R1032 identifies the 24 V DC version of the ICSI16D1 digital input module for Procontic CS31. It accepts sixteen binary signals and communicates through the CS31 bus. Individual input indicators and a fault indication support local inspection of channel and module status.

01 DOCUMENTED PRODUCT REFERENCE

Nominal supply	24 V DC
Maximum supply current	0.2 A
Maximum power dissipation	4.5 W
Binary input channels	16
Signal-input isolation	Non-isolated
CS31 bus isolation	Galvanically isolated
Low-level input voltage	-3 to +5 V
High-level input voltage	+15 to +30 V

DC variant only. Input non-isolation and separate CS31 bus isolation are retained.

02 TECHNICAL DATA

Input current	Approximately 6 mA at 24 V
Input filter delay	2-32 ms configurable; 8 ms default
Wire-break diagnostic resistor	20-30 kohm, 0.25 W; channel configuration required
Configuration retention	Nonvolatile storage
Local indication	16 yellow input LEDs and 1 red fault LED
Base connection	ECZ plug-in base; FPR3700001R0001
Terminal conductor capacity	2 conductors per terminal, each up to 2.5 mm2 with ferrules

03 APPLICATION AND CONFIGURATION

- FPR3315101R1032 and ICSI16D1 identity
- 24 V DC version and ECZ base coding
- Bus address, input filtering and diagnostics
- Shared reference potential and approved wiring
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB Procontic CS31 - ICSI 16 D1 technical chapter, 06.93

Original six-page ABB technical chapter. Only the FPR3315101R1032 24 V DC column and its corresponding wiring conditions are used; 230 V AC variant data is excluded.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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