ILC-131-ETH

Industrial automation components

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Manufacturer	Phoenix Contact
Catalog number	ilc-131-eth
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Interface Type	modbus
Product Type	Controller
Processor	Altera Nios® II 64 MHz
Program Memory	192 kByte
Data Storage	192 kByte
Number of Control Tasks	8
Number of Terminal Modules	63
Enclosure Rating	IP20
Typ montażu	DIN rail (35 mm)
Dimensions	80 x 120 x 60 mm
Waga	200 g
Operating Temperature	-25 °C to +60 °C

Description

The Phoenix Contact ILC 131 ETH is a modular Inline Controller designed for industrial automation applications. It features an Ethernet interface for seamless integration with other controllers and systems, supporting communication protocols such as PROFINET and Modbus/TCP.

Programming is facilitated through PC Worx Express or PC Worx, adhering to the IEC 61131-3 standard. The controller operates with a 64 MHz Altera Nios® II processor and offers 192 kByte of program memory and 192 kByte of data storage.

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It supports up to 8 control tasks and can manage up to 63 Inline terminal modules, providing flexibility for various automation needs. The device is housed in an IP20-rated enclosure, suitable for industrial environments, and is mounted on a 35 mm DIN rail.

Its compact dimensions (80 x 120 x 60 mm) and lightweight design (200 g) make it ideal for space-constrained installations. The ILC 131 ETH operates within an ambient temperature range of -25 °C to +60 °C, ensuring reliable performance in diverse conditions.