PHŒNIX CONTACT

Multiplexer - SD FLASH 512MB MODULAR MUX - 2701872

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Two of these SD cards, with two ILC 131 ETHs and the individually required input and output terminals, form a multiplexer system that requires no programming. Easy configuration via a small number of wire jumpers. Wireless, Ethernet cable or network connection.

Product Description

The basic function of the SD FLASH 512MB MODULAR MUX is for those who wish to utilize the advantages of a flexible multiplexer solution without having to program controllers. To enable this, the minimum configuration with just a few wire jumpers is used. Standard components (2 x ILC 131 ETH; 2 x SD FLASH 512MB MODULAR MUX) are used for this, plus the necessary input and output terminals. Communication between the two multiplexer components (ILC 131 ETH) is then established fully automatically via an Ethernet cable or a transparent wireless transmission.

It is also possible to incorporate both multiplexers into one Ethernet. The required Ethernet configuration is implemented via the web interface of the ILC 131 ETH. This is easily done using a PC and a standard browser.

 Note: Always perform the safety-related startup inhibit outside of the MODULAR MUX system using safety-related parts of the controller. When doing so, observe the relevant basic and proven safety principles

The following standard components are required:

2 x ILC 131 ETH (Order No. 2700973)
2 x SD FLASH 512MB MODULAR MUX (Order No. 2701872)

An Ethernet cable (wired communication) is required to connect the two systems.
The specified number of input and output terminals from the Inline Modular range from Phoenix Contact (marked with logo, see below) is also required.

All wireless systems that can transmit TCT/IP data transparently can be used to connect the ILC 131 ETH to a multiplexer system.
The following Phoenix Contact wireless products are suitable for this:

1 x FL BT EPA 2 (Order No. 1005869)
2 x FL EPA 2 (Order No. 1005955)
as well as WLAN Ethernet components in the FL WLAN 24 XX 802-11 series

Your advantages

☑ Program and configuration memory, plug-in, with license key for function block libraries.

☑ For storing application programs and other files in the file system of the PLC

☑ License key for application program

RoHS

◄━MUX▤

Key Commercial Data

Packing unit	1 pc

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GTIN	
GTIN	4046356868686

Technical data

Ambient conditions

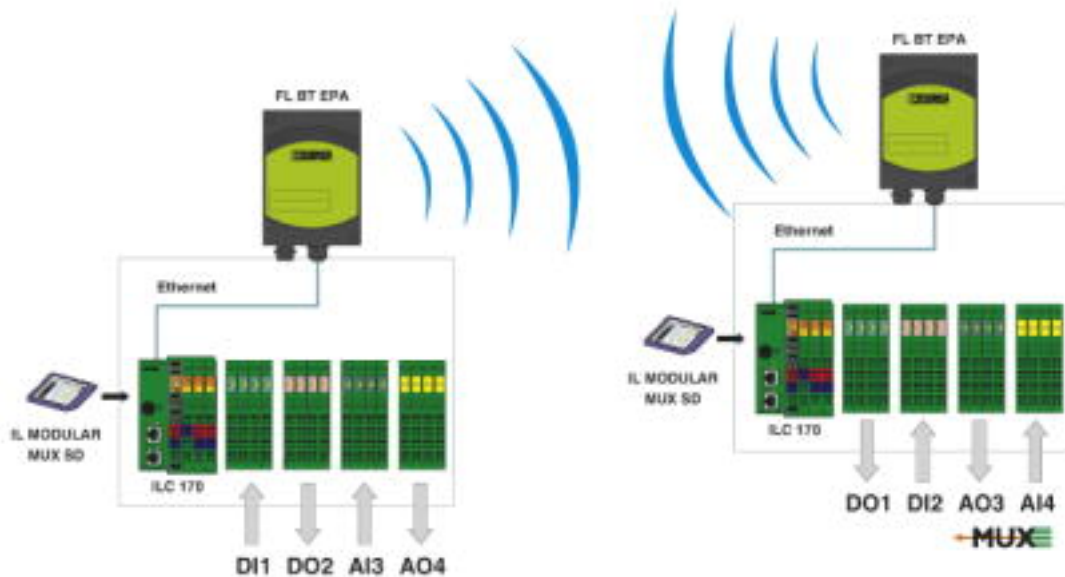| Ambient temperature (operation)	-40 °C ... 85 °C

General

Supply voltage	3.3 V DC
Supply voltage range	2.7 V DC ... 3.6 V DC

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Application drawing

The software on the SD FLASH 512MB MODULAR MUX CompactFlash® card transforms the ILC 131 ETH and the individual input and output terminals required into a flexible field multiplexer. As a wireless connection or as a point-to-point connection in an Ethernet network.

Classifications

eCl@ss

eCl@ss 10.0.1	27242212
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400

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Classifications

eCl@ss

eCl@ss 5.0	27242200
eCl@ss 5.1	24210100
eCl@ss 6.0	27242200
eCl@ss 7.0	27242212
eCl@ss 8.0	27242212
eCl@ss 9.0	27242212

ETIM

ETIM 4.0	EC000192
ETIM 5.0	EC000192
ETIM 6.0	EC000192
ETIM 7.0	EC000192

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	32101601
UNSPSC 13.2	43202005
UNSPSC 18.0	32101606
UNSPSC 19.0	32101606
UNSPSC 20.0	32101606
UNSPSC 21.0	32101606

Accessories

Accessories

Controller

Controller - ILC 131 ETH - 2700973

The Inline controller offers the option of communicating via PROFINET and Modbus/TCP. Programming is carried out using PC Worx Express or PC Worx (IEC 61131-3).

Necessary add-on products

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Accessories

Controller - ILC 131 ETH - 2700973

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