SD FLASH 512MB MODULAR MUX - Multiplexer

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 (Item No. 2700973)
2 x SD FLASH 512MB MODULAR MUX (Item 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 (Item No. 1005869)
2 x FL EPA 2 (Item No. 1005955)
as well as WLAN Ethernet components in the FL WLAN 24 XX 802-11 series

Your advantages

- License key for application program
- For storing application programs and other files in the file system of the PLC
- Program and configuration memory, plug-in, with license key for function block libraries



Commercial data

Item number	2701872
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR10
Product key	DRAAZA
GTIN	4046356868686
Weight per piece (including packing)	9.2 g
Weight per piece (excluding packing)	8.5 g
Customs tariff number	85235190
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Storage medium
Application	Multiplexer system
Mounting position	vertical
Memory type	FLASH-EPROM
Memory size	512 Mbyte

Electrical properties

Maximum power dissipation for nominal condition	0.165 W

Supply

Supply voltage	3.3 V DC
Supply voltage range	2.7 V DC ... 3.6 V DC
Typical current consumption	typ. 50 mA

Material specifications

Housing material	Plastic

Environmental and real-life conditions

Ambient conditions

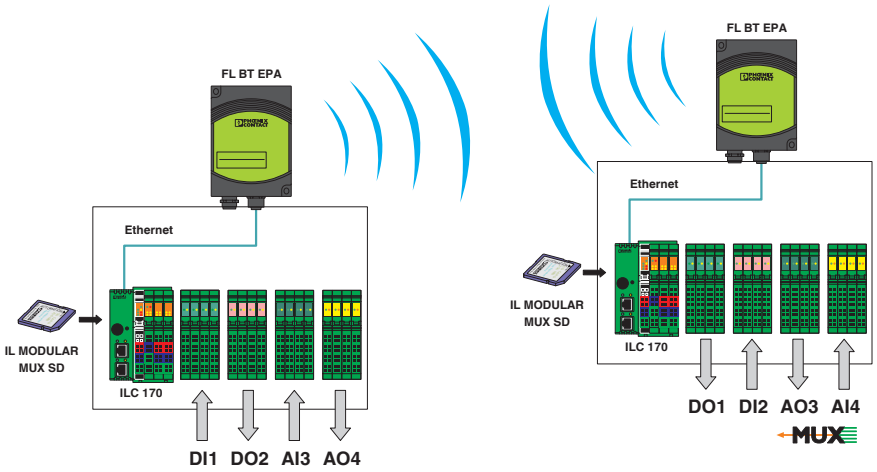
Ambient temperature (operation)	-40 °C ... 85 °C

Mounting

Mounting position	vertical

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

ECLASS

ECLASS-13.0	27242212
ECLASS-15.0	27242212

ETIM

ETIM 10.0	EC000192

UNSPSC

UNSPSC 21.0	32101600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	2.487 kg CO2e

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