

# SD FLASH 512MB PDPI BASIC - Memory



2701800

<https://www.phoenixcontact.com/us/products/2701800>

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Program and configuration memory, plug-in, 512 MB with license key for licensing the PDPI - BASIC functional block for precise multi-channel controllers with self-optimization, e.g., for heating and cooling functions or hydraulic movements.

## Product description

Program and configuration memory for storing application programs and other files in the file system of the PLC, with license key for the function block libraries.

The function blocks for the PDPI controllers from Phoenix Contact are licensed, i.e., a fee is charged for each controller on which blocks subject to a license are to be used. During runtime the blocks check the license stored in the controller and are then enabled or can be used for a limited time in demo mode.

Please observe the specified performance data of your controller(s) and check that they are suitable for your application.

For users who do not use the function block libraries, the program and configuration memory is also available without a license as an option.

## Your advantages

- 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	2701800
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR10
Product key	DRAAZA
Catalog page	Page 55 (C-6-2019)
GTIN	4046356833332
Weight per piece (including packing)	9.8 g
Weight per piece (excluding packing)	8.5 g
Customs tariff number	85235190
Country of origin	DE

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## Technical data

### Product properties

Product type	Storage medium
Mounting position	vertical
Application	Multi-channel controller with self-optimization

### Electrical properties

Maximum power dissipation for nominal condition	0.165 W
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#### 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
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### Environmental and real-life conditions

#### Ambient conditions

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

Mounting position	vertical
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## Classifications

### ECLASS

ECLASS-11.0	27242212
ECLASS-12.0	27242212
ECLASS-13.0	27242212

### ETIM

ETIM 8.0	EC000192
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### UNSPSC

UNSPSC 21.0	32101600
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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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## Accessories

### ILC 131 ETH - Controller

2700973

<https://www.phoenixcontact.com/us/products/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).

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### ILC 131 ETH/XC - Controller

2701034

<https://www.phoenixcontact.com/us/products/2701034>



Inline controller for use under harsh ambient conditions, with Ethernet interface for coupling to other controllers and systems, with programming options according to IEC 61131-3, complete with connector and labeling field.

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## ILC 151 ETH - Controller

2700974

<https://www.phoenixcontact.com/us/products/2700974>



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).

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## ILC 151 ETH/XC - Controller

2701141

<https://www.phoenixcontact.com/us/products/2701141>



Inline controller for use under harsh ambient conditions, with Ethernet interface for coupling to other controllers and systems, with programming options according to IEC 61131-3, complete with connector and labeling field.

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## ILC 171 ETH 2TX - Controller

2700975

<https://www.phoenixcontact.com/us/products/2700975>



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).

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## ILC 191 ETH 2TX - Controller

2700976

<https://www.phoenixcontact.com/us/products/2700976>



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).

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## ILC 191 ME/AN - Controller

2700074

<https://www.phoenixcontact.com/us/products/2700074>



Inline controller with integrated pulse/direction/PWM interface, RS-485/RS-422, analog inputs (0 ... 10 V), and analog outputs (0 ... 10 V), with programming options according to IEC 61131-3

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## ILC 191 ME/INC - Controller

2700075

<https://www.phoenixcontact.com/us/products/2700075>



Inline controller with integrated pulse/direction/PWM interface, RS-485/RS-422, fast counters, and incremental encoder inputs, with programming options according to IEC 61131-3



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## AXC 1050 - Controller

2700988

<https://www.phoenixcontact.com/us/products/2700988>



Axio control for direct open-loop control of Axioline I/Os. With 2 Ethernet interfaces and programming capabilities according to IEC 61131-3. Complete with connector connector and labeling field.

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## AXC 1050 XC - Controller

2701295

<https://www.phoenixcontact.com/us/products/2701295>



Axiocontrol for the direct control of Axioline I/Os. With 2 Ethernet interfaces, extended temperature range, and programming options according to IEC 61131-3. Complete with connector connector and marking field.

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