

# SD FLASH 2GB APPLIC A 61850 - Program / configuration memory



2400436

<https://www.phoenixcontact.com/us/products/2400436>

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Program and configuration memory for extending the internal Flash memory, plug-in, 2 GB with license key for IEC-61850 communication and function block libraries. For licensed function blocks, please refer to the documentation.

## Product description

Program and configuration memory for storing the application programs and other files in the file system of the PLC. A license key for activating further function block libraries is also included. Individual function blocks from Phoenix Contact, such as those from the SQL and SNMP library or Resy+, are licensed. This means that a fee is charged for each controller on which licensed function blocks are used. The blocks check the license stored on the controller during runtime and enable themselves or run for a limited time in demo mode.

Examples of licensed function blocks:

- Basic control functions for PID controllers with delay time constant in the D component
- Data transfer between the controller and SQL database with event-driven access to tables by means of SQL communication and Data Manipulation Language (DML)
- IT library for sending e-mails with the SMTP function, with DHCP client, DNS, and an FTP client function
- Secure, event-oriented, and inexpensive monitoring of all distributed plants via Ethernet as well as via serial interfaces

Observe the specified performance data of your controller(s) and check that it/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

- License key for IEC 61850 communication with function block libraries
- For storing application programs and other files in the file system of the PLC
- Program and configuration memory, plug-in, for IEC 61850 communication with license key for function block libraries.

## Commercial data

Item number	2400436
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR10
Product key	DRAAZA
Catalog page	Page 46 (C-6-2019)
GTIN	4055626047508
Weight per piece (including packing)	9.58 g
Weight per piece (excluding packing)	9.58 g
Customs tariff number	85235190
Country of origin	DE

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## Technical data

### Product properties

Product type	Storage medium
Application	Energy data acquisition
Mounting position	vertical

### 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-13.0	27242212
ECLASS-12.0	27242212

### ETIM

ETIM 9.0	EC000192
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### UNSPSC

UNSPSC 21.0	32101600
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## 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%
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## Accessories

### 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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### 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.