

CBL-CATAN EVAL KIT - Starter kit



1745323

<https://www.phoenixcontact.com/au/products/1745323>

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Evaluation kit for getting started with building automation with the new Catan product family. Consists of the Catan C1 EN controller, Catan Control Panel, power supply, controller license (limited to 50 data points), and Emalytics Workbench license. The kit is for testing purposes only and is not a productive application.

When ordering the item, please enter the “host ID” of your PC in the “My reference” field in the shopping cart. The host ID is displayed on the PC after Emalytics Automation is installed.

Product description

The Catan C1 EN controller is the central component of the Catan product family for building and room automation.

The Catan evaluation kit includes all the components you need to start testing directly and get to know this extremely compact and versatile Niagara controller. Discover the high performance, the configuration flexibility, and the advantages of visualization and operation via the local touch display.

Key features

- High number of 14 configurable inputs and outputs
- Connection of up to 16 I/O modules via Single Pair Ethernet
- Managed Ethernet switch with 3 ports (1 Gbps)
- Support for a wide range of Ethernet-, RS-485-, and USB-based protocols
- Engineering with the Emalytics Workbench and the Niagara Framework

For further details, please refer to the Catan C1 EN product pages and the corresponding extension components.

The controller license supplied with the Catan evaluation kit (limited to 50 data points) cannot be extended or replaced with a regular license.

Your advantages

- Space and cost savings thanks to highly flexible I/O configurability
- Startup and maintenance with plug-in display for local operation
- High-performance extension bus also enables distributed installation
- Interfaces for IoT applications to the cloud

Commercial data

Item number	1745323
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DTHCAX
Product key	DTHCAX
GTIN	4067923309586
Weight per piece (including packing)	5 kg
Weight per piece (excluding packing)	5 kg
Customs tariff number	85371091

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Country of origin	DE
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Set consists of

CATAN C1 EN - Controller

1371432

<https://www.phoenixcontact.com/au/products/1371432>



Controller for building automation. 14 configurable inputs and outputs. Interfaces: 3 x Ethernet, 2 x RS-485, 2 x USB-C, TP for room automation, 2 x SPE for Catan extension modules. Local override operation via Catan Control Panel.

CATAN CONTROL PANEL - Display

1371366

<https://www.phoenixcontact.com/au/products/1371366>



Touch display for local override operation and configuration of Catan controllers and Catan extension modules. Display size 2.4". Connection via USB-C connector.

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STEP3-PS/1AC/24DC/1.3/PT - Power supply

1088494

<https://www.phoenixcontact.com/au/products/1088494>



Primary-switched power supply unit, STEP POWER, Push-in connection, DIN rail or direct mounting, input: 1-phase, output: 24 V DC / 1.3 A

OFFICE-DEMO-PC - Building management system

2404321

<https://www.phoenixcontact.com/au/products/2404321>



Emalytics Supervisor demo license for testing and engineering purposes with unlimited functionality and 12-month validity, which will be renewed annually.

This license is not approved for use in production systems. Licenses for use in production systems are available separately.

Please note: By using the demo license, the server used will be bound to the demo license for the long term. Productive operation is no longer possible for a server licensed for demo purposes. That is why we recommend using a dedicated server for internal test purposes.

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NC4-50 CATAN TESTKIT - Building management system

1698092

<https://www.phoenixcontact.com/au/products/1698092>



50 data point license only for the Catan evaluation kit, does not require maintenance, cannot be converted to a production license

Technical data

Notes

Note regarding documentation	For technical data, refer to the product documentation in the "Downloads" area
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Product properties

Product type	Starter kit
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Mounting

Mounting type	DIN rail mounting
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Classifications

ECLASS

ECLASS-13.0	27242219
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ETIM

ETIM 9.0	EC002581
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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