



PCL Controller



MKA PLC Controller

1881

OVERVIEW

The eZswitch Controller is a compact PLC for the modular. In addition to providing commonly used network and Fieldbus interfaces, the controller supports all digital, analog and speciality I/O modules in the 750/753 Series.

- Two ETHERNET interfaces and an integrated switch enable line topology wiring — no extra-cost hardware is needed.
- An integrated Web server provides user configuration options and displays PFC100 status information.
- Besides the processing industry and building automation, typical applications for the PFC100 include standard machinery and equipment control



KEY BENEFITS

- Programmable via e!COCKPIT
- Direct connection of WAGO I/O modules
- 2 x ETHERNET (configurable)
- Linux 3.18 operating system with RT-Preemption patch
- Configuration via e!COCKPIT or Web-Based Management user interface
- Maintenance-free

KEY FEATURES

- Processing speed of 0.08µs/step for basic instructions for the first 3000 steps
- Program capacity of up to 8k steps and 8k words data registers
- Expandable with FP-X and FP0R analog unit and digital I/O expansion units
- Built-in analog input and real-time clock
- Up to 2 serial communication ports can be used simultaneously (1 x RS232 + 1 x RS485)
- Built-in 2-channel pulse output, e.g. for linear interpolation
- Max. high-speed counting frequency of 50kHz (1 channel) and max. pulse output frequency of 50kHz (2 channels)

DATASHEET

Revision no: 00
Publish Date: 25.11.2017

www.plccontroller.com

NETWORK

Modbus RTU

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PLC Link

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LINEUP

7 Kinds of Control Units

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4 Kinds of Expansion Units

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PERFORMANCE

Super High Processing Speed

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Program memory

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The Maximum Number of I/O Points

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FUNCTION

Built-in 2 axis pulse output function

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Multi-functional analog input

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MODULES / ACCESSORIES

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Product Code **Specifications**
MKA-111 DC input, 16 points



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Product Code **Specifications**
MKA-123 DC input, 16 points



Integer rhoncus metus eleifend nibh viverra posuere.

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Product Code **Specifications**
MKA-456 DC input, 16 points



SPECIFICATIONS

Description	Part Number
Morbi at odio	Suspendisse potenti
Modules/ Accessories	
Quisque dignissim	Quisque
Tortor efficitur	Suspendisse
General Specifications	
Dimensions (mm) W x H x L	Sed maximus
EMC immunity of interference	In quis volutpat
EMC emission of interference	Donec sed est justo
Degree of protection	Nullam id erat
Type of mounting	Quisque dapibus
Housing material	Sed molestie
Wire connection	Cras aliquet
Cross sections	Phasellus
Strip lengths	Phasellus sollicitudin
Ambient conditions	Donec ultrices
Operating temperature	Yes
Storage temperature	1 year
System Data	
CPU	Curabitur vitae
Operating system	Praesent
Retain memory	Donec vulputate
ETHERNET	Nullam
Transmission medium	Aliquam
Baud rate	Vestibulum
Protocols	Pellentesque
Programming	Curabitur
IEC 61131-3	Nunc sagittis
Type of memory card	Pellentesque

MKA PLC Controller

Input Specifications

Insulation method	Vestibulum pharetra
Rated input voltage	Praesent
Applied voltage rate	Phasellus sed
Rated input current	Maecenas
Input points per common	Ut egestas
Min ON Voltage / Min ON Current	Cras vehicula
Min OFF Voltage / Min OFF Current	Aliquam
Input impedance	Donec a pulvinar
Action indicator	Vivamus
EN611131-2 application type	Type 3

Output Specifications

Insulation method	Sed id dignissim
Output form	Etiam condimentum
Rated output voltage	Quisque magna
Input points per common	Phasellus venenatis
Min ON Voltage / Min ON Current	Pellentesque
Min OFF Voltage / Min OFF Current	Suspendisse euismod
Mechanical life	Aliquam condimentum
Electrical life	Aliquam bibendum
Surge absorber	Phasellus vel
Action indicator	Ut ac velit

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