

## Controller - S-MAX 400 CE PN - 2700706

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High-performance combination of PC platform and PLC with INTERBUS fieldbus master, without display, Windows CE.NET and PROFINET with Celeron M 800 MHz processor

### Product Description

High-performance S-MAX class 400 compact controllers can be used in complex applications where a high level of performance is required. All S-MAX controllers are optimally integrated in the PROFINET system. Thanks to the high level of performance of this compact controller, comprehensive automation tasks can be processed at high speed.

### Your advantages

- Engineering with PC Worx (IEC 61131-3)
- Numerous protocols supported such as: HTTP, FTP, SNTP, SNMP, SMTP, SQL, MySQL, etc.
- Integrated PROFINET controller and PROFINET device
- Integrated Ethernet interface
- Complete fieldbus master (8192 I/O points)
- Flash file system
- Integrated web server for visualization with WebVisit
- FTP server



### Key Commercial Data

Packing unit	1
GTIN	 4 046356 146852
GTIN	4046356146852
Custom tariff number	85371091

### Technical data

#### Note

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## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Display

Display	without display
Touch technology	Without touch technology
Brightness	without
Backlighting	without

### Computer data

Processor	Intel® Celeron® M ULV 800 MHz
Cooling	passive
Operating system	Windows® CE 5.0
RAM	512 MB DDR
Mass storage	Flash, 16 MB
Network	1 x Ethernet (10/100/1000 Mbps), RJ45, 2 x Ethernet (10/100 Mbps)
Interfaces	COM 1 (RS 232, MINI DIN), 3xUSB 2.0
Bus system	RS-232
	RJ45
Slots	without slots
Graphics card	On-board graphics chip (AGP)
Realtime clock	Integrated (battery backup)

### General

Mounting type	Panel PC for installation in the control cabinet (mounting plate)
Weight	2500 g

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-29

### Standards and Regulations

Shock	DIN EN 60068-2-29
Vibration (operation)	DIN EN 60068-2-6

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### Classifications

#### eCl@ss

eCl@ss 4.0	27250281
eCl@ss 4.1	27360102
eCl@ss 5.0	27360102
eCl@ss 5.1	27242301
eCl@ss 6.0	27242301
eCl@ss 7.0	27242301
eCl@ss 8.0	27242301
eCl@ss 9.0	19200103

#### ETIM

ETIM 2.0	EC001414
ETIM 3.0	EC001414
ETIM 4.0	EC001414
ETIM 5.0	EC001414

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

### Accessories

#### Accessories

#### Drivers and interfaces

#### Software - AX OPC SERVER - 2985945



AX OPC SERVER, communication interface for OPC-capable visualization with PC WORX-based controls.

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#### Operator panel

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### Accessories

Touch panel - WP 04T - 2913632



Touch panel with 8.9 cm (3.5") graphics-capable TFT display, 320 x 240 pixels, 1 x Ethernet, 2 x USB, and integrated micro browser

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Touch panel - WP 06T - 2913645



Touch panel with 14.5 cm (5.7") graphics-capable TFT display, 320 x 240 pixels, 1 x Ethernet, 2 x USB, and integrated micro browser

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### Parameterization memory

Memory - CF FLASH 256MB RP - 2700288



Program and configuration memory, plug-in, 256 MBs with license key for the function block libraries.

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### Programming

Software - PC WORX BASIC LIC - 2985275



Software package for PC-based automation solutions, PC WORX BASIC license, contains all 5 IEC languages, without MSFC compiler, max. 2048 byte input and output data, version-specific license key

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Software - PC WORX DEMO - 2985725



Software package for PC-based automation solutions, PC WORX DEMO, contains all 5 IEC languages, with MSFC compiler, max. 16 bytes input and output data

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### Accessories

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Software - PC WORX PRO LIC - 2985385



Software package for PC-based automation solutions, PC WORX PRO license, contains all 5 IEC languages, with MSFC compiler, max 128 kB input and output data, version-specific license key

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### Programming cable

Connecting cable - COM CAB MINI DIN - 2400127



Connecting cable, for connecting the controller to a PC (RS-232) for PC WORX with flow control, 3 m in length

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Software - PC WORX PRO-MSFC LIC - 2985495



Software package for PC-based automation solutions, PC WORX PRO-MSFC license, contains all 5 IEC languages and MSFC compiler, max. 64 Kbytes IN, 64 Kbytes OUT, version-specific license key

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