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Controller - S-MAX 412 CE PN/M - 2700816

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High-performance combination of PC platform, PLC and visualization with INTERBUS fieldbus master, 12" display, Windows CE.NET and PROFINET-IO controller

Product Description

High-performance S-MAX compact controllers ensure reliable communication and a high level of availability. In addition to open and closed-loop control for your application, these class 400 compact controllers can also operate and monitor your processes directly. S-MAX controllers behave like a conventional PROFINET-compatible PLC, but have an additional HMI (human-machine interface). Thanks to the high level of performance of this unit, comprehensive automation tasks can be processed quickly and reliably.

Why buy this product

- Visualization runtime system for Visu+ (SCADA visualization)
- Color TFT touch screen
- Integrated web server for visualization with WebVisit
- Numerous communication protocols supported such as: SNTP, SNMP, SMTP, SQL, MySQL
- PROFINET controller
- FTP server
- INTERBUS master

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 323963

Technical data

Note

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

Display

Display	30.7 cm/12.1" TFT
Resolution	800 x 600 Pixel (SVGA)
Backlighting	LED

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Technical data

Display

Touch screen	Resistive industrial touch screen

Computer data

Processor	Intel® Celeron® M ULV 800 MHz
Processor fan	without fan
Operating systems	MS Windows® CE 5.0
RAM	512 MB DDR
Mass storage	16 MB Flash
Network	3 x Ethernet (10/100 Mbps), RJ45
Interfaces	COM 1 (RS-232), 1x PS/2 mouse, 1x PS/2 keyboard, 2x USB
Monitor output	DVI
Slots	without slots
Graphics card	On-board graphics chip (AGP)
Realtime clock	Integrated (battery backup)

General

Mounting type	Installation in front plate
Weight	4330 g

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	5 °C ... 40 °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

Classifications

eCl@ss

eCl@ss 4.0	27330201
eCl@ss 4.1	27330201
eCl@ss 5.0	27330201
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

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Classifications

ETIM

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

Approvals

Approvals

Approvals

GL

Ex Approvals

Approvals submitted

Approval details

GL

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Product	Code	Reference	Product link
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