PHŒNIX CONTACT

Control panel - CP 206M HLC ETH - 2916260

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Control panel with touchscreen, 6" grayscale display, control and operating unit with Ethernet based on Windows CE incl. HFI user interface, e.g. C, C++, Visual Basic

RoHS

Ethernet

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1,558.800 g
Custom tariff number	85371091
Country of origin	Germany

Technical data

Dimensions

Width	203 mm
Height	147 mm
Depth	60 mm
External dimension, width	203 mm
External dimension, height	147 mm
Front plate depth	5 mm
Installation dimension, width	195 mm
Installation dimension, height	139 mm
Installation dimension, depth	54 mm
Note on dimensions	Continuous rubber gasket on the back

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C (Relative humidity 10 % - 95 %, non-condensing)
Ambient temperature (storage/transport)	-25 °C ... 70 °C (Relative humidity 10 % - 95 %, non-condensing)

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Technical data

Display

Display	15,2 cm / 6"-FSTN
Color spectrum	5 grayscales
Service life of background illumination	30000 h
Monitor resolution	320 x 240
Width of display area	115 mm
Height of display area	86 mm

Device supply

Supply voltage	24 V DC ±5 % (SELV in accordance with DIN EN 61131)
Supply voltage range	18 V ... 30 V
Typical current consumption	0.25 A
Max. current consumption	0.35 A
Fuse	Semiconductor fuse (automatic resetting)
Reverse polarity protection	Integrated

Interfaces

Interface	Ethernet
Connection method	RJ45 jack
Transmission speed	10/100 Mbps
No. of channels	1
Interface	USB
Connection method	USB type A, socket
Transmission speed	12 Mbps
No. of channels	2

High-level language programming

Processor	Arm9™, 200 MHz
Operating system	Windows CE 5.0 (including webserver, Compact Framework 2.0,...)
Application interface	HLI (High-Level Language Fieldbus Interface)
Realtime clock	Yes (battery-backed)
Software requirements	Visual Studio 2005 Standard or larger
Program memory	32 Mbyte (Internal flash)
Mass storage	32 Mbyte (SDRAM)
Retentive mass storage	512 kByte (SRAM)

General

Housing material	Steel sheet, zinc-plated
	Front plate: Aluminum, naturally anodized
	Front foil: Polyester foil

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Technical data

General

Degree of pollution	2
Overvoltage category	II
Weight	1000 g

Standards and Regulations

Noise emission	Noise emission test of the housing EN 55011:1991 class A in accordance with EN 61000-6-4
	EN 55022
Noise immunity	EN 61000-4-2
	EN 61000-6-2:2005
Conformance with EMC directives	Electromagnetic fields EN 61000-4-3:1993/IEC 61000-4-3
	Fast transients (Burst) EN 61000-4-4:1995/IEC 61000-4-4
	Transient surge voltage (Surge) EN 61000-4-5:1995/IEC 61000-4-5
	Conducted interference EN 61000-4-6:1993/IEC 61000-4-6
Electromagnetic compatibility	Conformance with EMC directive 89/336/EC
Standards/specifications	Equipment requirements, power supply, storage and transportation DIN EN 61131-2
	Degrees of protection DIN EN 60529
	Impact stress, shocks DIN EN 60068-2-27
	Sinusoidal vibrations DIN EN 60068-2-6
Noise emission	Noise emission test of the housing EN 55011:1991 class A in accordance with EN 61000-6-4
	EN 55022
Noise immunity	EN 61000-4-2
	EN 61000-6-2:2005

Classifications

eCl@ss

eCl@ss 4.0	27330202
eCl@ss 4.1	27330203
eCl@ss 5.0	27242215
eCl@ss 5.1	27242302
eCl@ss 6.0	27242301

ETIM

ETIM 2.0	EC001412
ETIM 3.0	EC001412
ETIM 4.0	EC001412

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Classifications

ETIM

ETIM 5.0	EC001412

UNSPSC

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