

Modem - PSI-MODEM/ETH - 2313300

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Industrial Ethernet modem for assembly on EN DIN rails. For dialed operation in Europe, USA and Canada. Ethernet interface, electric 3-way isolation, supply voltage 24 V DC

Product Features

- Configurable, selective call acceptance
- High-quality electrical isolation
- Integrated surge protection
- Connection establishment with password protection
- Callback function



Key commercial data

package_quantity	1
GTIN	4046356308083

Technical data

Note

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

Width	45 mm
Height	99 mm
Depth	114.5 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20
Noise immunity	EN 61000-6-2:2005

Serial interface

Interface 1	Ethernet interface, 10/100BASE-T(X) in acc. with IEEE 802.3u
Interface	Ethernet
Connection method	RJ45 socket, shielded
Transmission length	100 m (shielded twisted pair)

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Technical data

Serial interface

Protocols supported	TCP/IP, UDP, TFTP, HTTP, Modbus/TCP, PPP, PROFINET, EtherNet IP, CHAP
Auxiliary protocols	ARP, DHCP, BOOTP, SNMP, RIP, RARP, HTTP, TFTP
Data flow control/protocols	TCP/IP, UDP, TFTP, HTTP, Modbus/TCP, PPP, PROFINET, EtherNet IP, CHAP
Serial transmission speed	10/100 Mbps, autonegotiation
Interface 2	PSTN-Port (a/b-Line)
Operating mode	Dial-up modem, 2-wire half/full duplex
Connection method	RJ12, 6-pos.
Serial transmission speed	300 Bd ... 56 kBd
Error correction	V.42 (LAP-M or MNP 2 to 4)
Data compression	V.42bis (throughput 4:1), MNP 5 (throughput 2:1)
Acoustic signaling	Integrated piezo (during the dialing process)
Dialing procedure	Multiple frequency/pulse dialing, configuration via software

Power supply

Nominal supply voltage	24 V DC $\pm 5\%$ (as an alternative or redundant, via backplane bus contact and system current supply)
Supply voltage range	10 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)
Typical current consumption	< 100 mA (24 V DC)
Typical current consumption	< 70 mA

General

Electrical isolation	VCC // PSTN // Ethernet
Test voltage data interfaces	1500 V
Test voltage data interface/power supply	1.5 kV (50 Hz, 1 min.)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 55022
Net weight	204 g
Housing material	PA V0, color green
Color	green
Conformance	CE-compliant
UL, USA / Canada	UL 508 Listed

classifications

eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

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classifications

eCl@ss

eCl@ss 8.0	19060503
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ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC000310

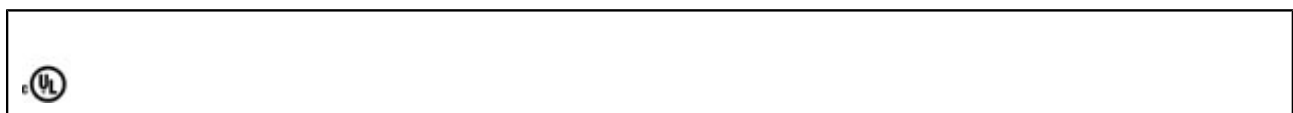
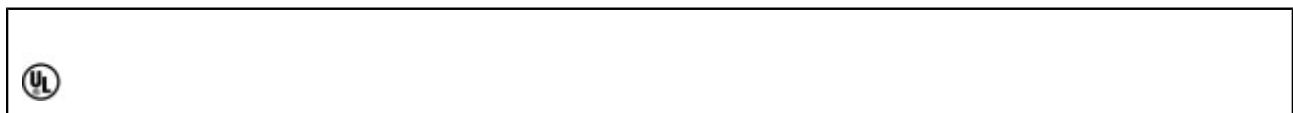
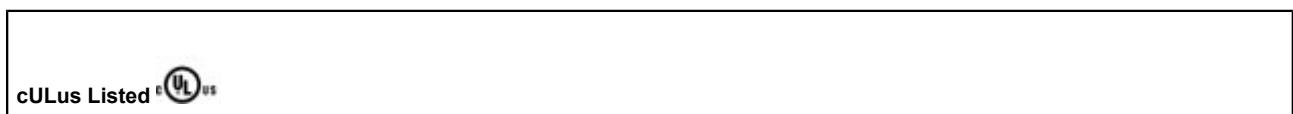
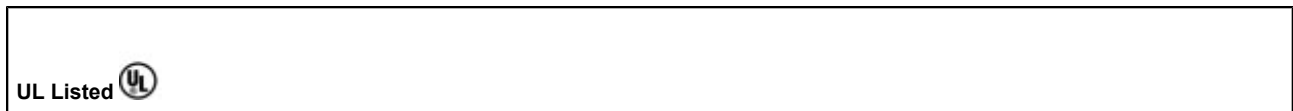
UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43201553

approvals

UL Listed / cUL Listed / cULus Listed / UL Listed / cUL Listed / cULus Listed /

Approval details



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approvals



accessories

Power supply

MINI-SYS-PS-100-240AC/24DC/1.5 - 2866983



Data cable by the meter

FL CAT5 HEAVY - 2744814



Data plug

VS-08-RJ45-5-Q/IP20 - 1656725



Switch

FL SWITCH SFNT 5TX - 2891003



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accessories

Media converter

FL MC EF 1300 MM SC - 2902853



Patch panel

FL-PP-RJ45-SCC - 2901642



Modem

PSI-MODEM-SHDSL/ETH - 2313643



Patch cable

FL CAT5 PATCH 0,5 - 2832263



Screwdriver tools

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accessories

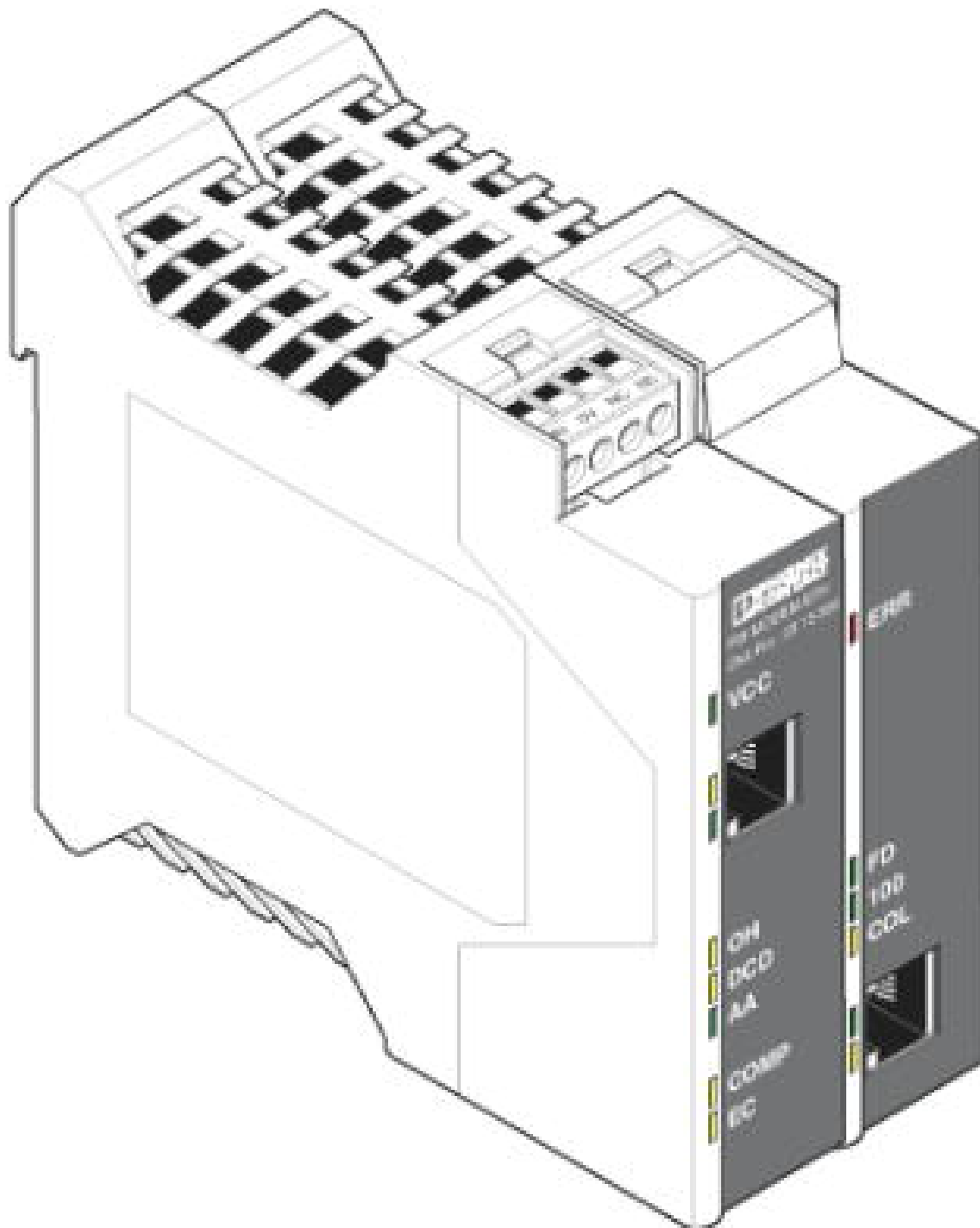
SZF 1-0,6X3,5 - 1204517



Drawings

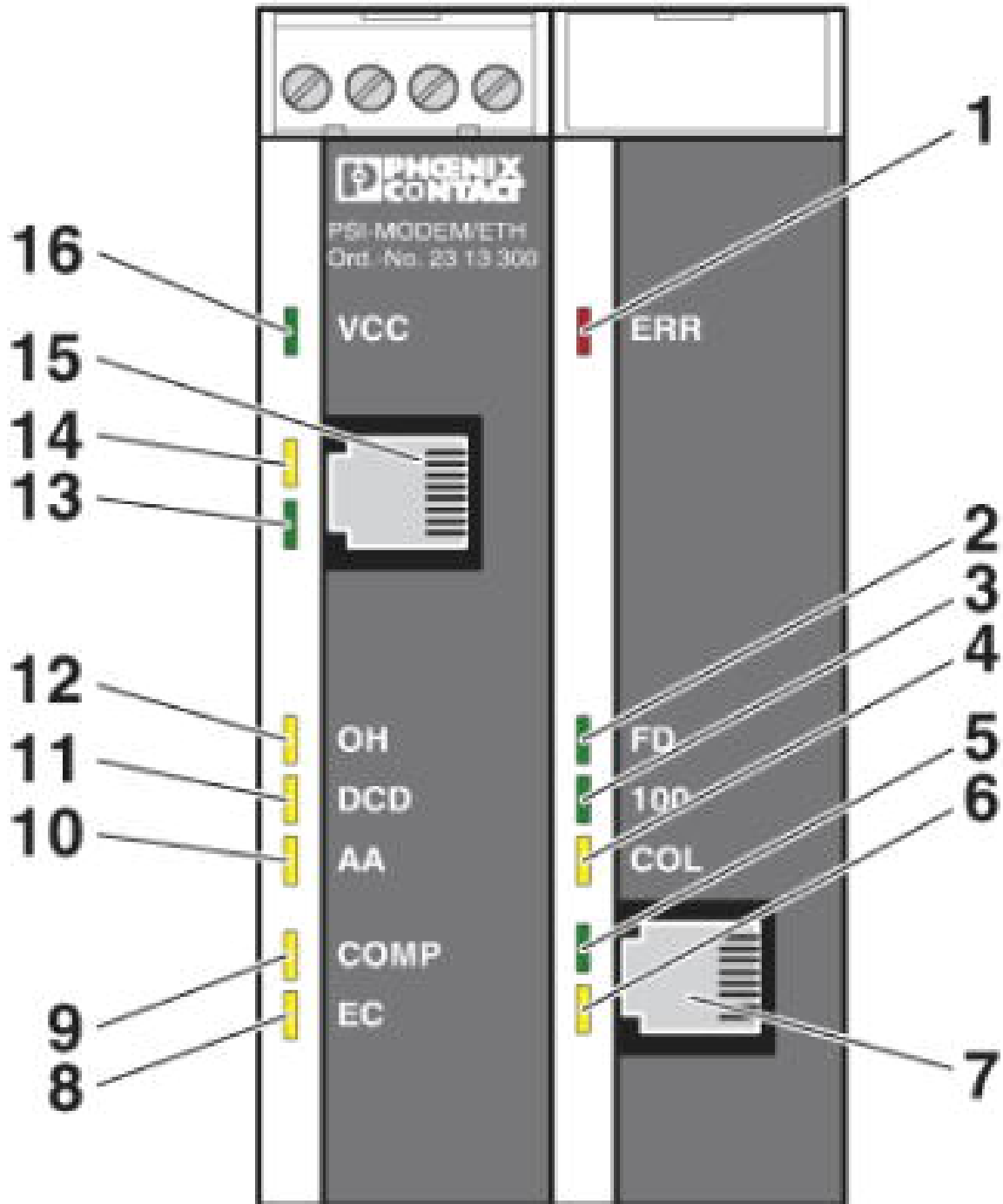
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Schematic diagram



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