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Router - TC DSL ROUTER X400 A/B - 2902709

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Industrial broadband router with ADSL modem for speeds up to 25 Mbps, for Annex A and Annex B connections. Integrated firewall and NAT function.

Why buy this product

- Configuration via web-based management
- Can be used worldwide
- High electromagnetic compatibility
- 10/100 Mbps automatic detection
- Annex A/Annex B switchover via web-based management
- Firewall
- NAT table
- DynDNS
- Switchover between DSL router and DSL modem (default)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 679909

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	112 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
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Technical data

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 75 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20

General

Electrical isolation	VCC//ADSL//Ethernet//FE
Test voltage data interface/data interface	1.5 kV _{rms} (50 Hz, 1 min.)
Test voltage data interface/power supply	1.5 kV _{rms} (50 Hz, 1 min.)
Electromagnetic compatibility	Conformance with R&TTE Directive 1999/5/EC (valid until June 12, 2016) or 2014/53/EU (valid from June 13, 2016)
Net weight	308.1 g
Housing material	PA 6.6-FR
Color	green
MTTF	699 Years (SN 29500 standard, temperature 25°C, operating cycle 21 % (5 days a week, 8 hours a day))
	379 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day))
	64 Years (SN 29500 standard, temperature 40°C, operating cycle 100 % (7 days a week, 24 hours a day))

Power supply

Supply voltage range	10 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)
Max. current consumption	< 300 mA (10 V DC)
Typical current consumption	< 150 mA (24 V DC)
	< 135 mA (stand by)

Serial interface

Interface 1	ADSL interface, according to ITU-T G.992.1, G.992.3, G.992.5/Annex A, Annex B
Connection method	6P2C RJ11 socket, shielded
	COMBICON plug-in screw terminal block
Transmission length	≤ 5 km
Data rate	≤ 25 Mbps (Downstream from Internet)
	≤ 1 Mbps (Upstream to Internet)
Ringer Equivalence Number	0.3 (B)
Interface 2	Ethernet interface, 10/100BASE-T(X) in acc. with IEEE 802.3u
Connection method	8P8C RJ45 socket, shielded
Transmission length	≤ 100 m (shielded twisted pair)
Protocols supported	TCP/IP, UDP/IP, FTP, HTTP
Auxiliary protocols	ARP, DHCP, PING (ICMP), SNMP V1, SMTP
Serial transmission speed	10/100 Mbps, auto negotiation

Function

Router - TC DSL ROUTER X400 A/B - 2902709

Technical data

Function

Management	Web-based management
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Standards and Regulations

Electromagnetic compatibility	Conformance with R&TTE Directive 1999/5/EC (valid until June 12, 2016) or 2014/53/EU (valid from June 13, 2016)
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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
eCl@ss 8.0	19060590
eCl@ss 9.0	19060590

ETIM

ETIM 3.0	EC000310
ETIM 4.0	EC000740
ETIM 5.0	EC000740

UNSPSC

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

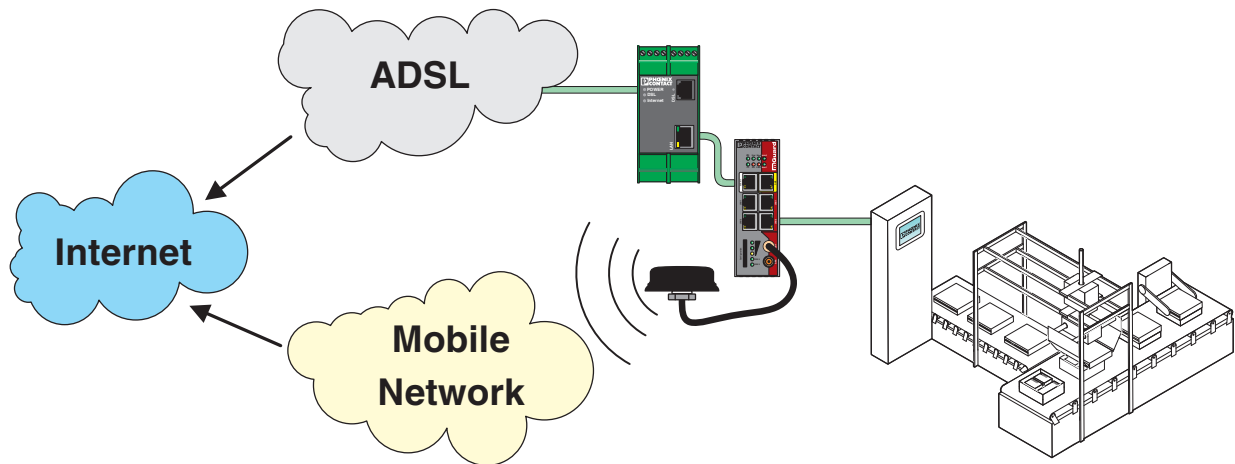
Drawings

Router - TC DSL ROUTER X400 A/B - 2902709

Application drawing

Application drawing

Annex A/
Annex B



Example application

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Product	Code	Reference	Product link
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