



Version
02.00
January
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Industrial Controller R&S®PSL1

Specifications



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CPU		Intel Celeron M Prozessor 370 "Dothan" 1.5 GHz or better
Memory		2nd level cache: 1 Mbyte RAM : 1 Gbyte
Drives		
Hard disk	Model .14 Model .24	40 Gbyte or better 100 Gbyte
DVD/CD-RW combination drive		up to 700 Mbyte, CD-R read/write 24x/24x or better, CD-RW read/write 24x/10x or better
CD		
DVD		up to 8.5 Gbyte or better, DVD read 8x or better, DVD write 8x or better
Internal interfaces		
PCI		1 slot, max. 32 bit, 200 mm × 106 mm
External interfaces		
Display		
DVI (max. resolution 1280 × 1024)		DVI-D connector (front)
VGA (max. resolution 1600 × 1200)		15-pin D-sub connector (rear)
USB		1 × USB 1.1, 3 × USB 2.0, 2 × front/2 × rear
Ethernet		1 × 10/100/1000 Mbit/s, RJ-45 (rear), 1 × 10/100 Mbit/s, RJ-45 (front)
IEC/IEEE	Model .14	IEC 60625-2 (IEEE 488.2), NI TNT-compatible, 24-pin Amphenol connector (rear)
Serial	Model .14 Model .24	1 × RS-232-C (COM), 9-pin D-sub connector (front) 1 × RS-232-C (COM), 9-pin D-sub connector (front), 5 × RS-232-C (COM), 50-pin D-sub HD connector (rear)
Audio	Model .24	Line-In, Line-Out (stereo), Mic-In (mono), 3 × 3.5 mm connectors (rear)
Software		
BIOS		AWARD
Operating system (optional)		Windows XP Embedded (English)

General data		
Operating temperature range		+5 °C to +45 °C, meets EN 60068-2-1 or -2
Storage temperature range		-25 °C to +60 °C, meets EN 60068-2-1 or -2
Humidity (+40 °C, non-condensing)		80 % relative humidity, meets EN 60068-2-3
Electromagnetic compatibility		complies with EMC Directive 89/336/EEC and EN 61326 (immunity for industrial environments; emission requirements class B)
Electrical safety		EN 61010-1
Mechanical resistance (non-operating mode)		
Vibration, sinusoidal		meets EN 60068-2-6, EN 61010-1, MIL-T-28800 D class 5, 5 Hz to 150 Hz, max. 2 g at 55 Hz, 55 Hz to 150 Hz, 0.5 g const.
Vibration, random		meets EN 60068-2-36, 10 Hz to 300 Hz, acceleration 1.2 g rms
Shock		meets EN 60068-2-27, MIL-STD-810D 40 g shock spectrum
Power supply		power factor correction, meets EN 61000-3-2
Input		100 V to 240 V (AC) ±10%, 1.2 A to 0.15 A, 50 Hz to 60 Hz
Power consumption (base unit)		approx. 35 W
Dimensions (W × H × D)		465.1 mm × 59.6 mm × 517 mm (19"; 1 height unit)
Weight (base unit)		approx. 5 kg

Ordering information

Designation	Type	Order No.
Industrial Controller	R&S®PSL1 model .14 R&S®PSL1 model .24	1161.5000.14 1161.5000.24
Accessories supplied	manual, driver CD, power cable	
Options		
Keyboard, USB, US character set	R&S®PSL-Z2	1157.6870.04
Mouse, optical, USB	R&S®PSL-Z10	1157.7060.03
Operating System Windows XP Embedded (English)	R&S®PSL-K12	1157.7160.04
TFT Monitor 17"	R&S®PMC3	1082.6004.11
19" Rack Adapter for R&S®PSL1	R&S®ZZA-111	1096.3254.00
IEC/IEEE Bus Cables		
0.5 m	R&S®PCK	0292.2013.05
1 m	R&S®PCK	0292.2013.10
2 m	R&S®PCK	0292.2013.20
4 m	R&S®PCK	0292.2013.40



For product brochure, see PD 0758.2219.12
and www.rohde-schwarz.com
(search term: PSL1)



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