



Version
03.00

January
2006

Industrial Controller R&S® PSL3

Specifications



ROHDE & SCHWARZ

Specifications

CPU	Intel Celeron M Prozessor 370 "Dothan" 1.5 GHz or better
Memory	L2 Cache, 1 Mbyte
	DDRRAM, 1 Gbyte
Drives	
Harddisk	3.5", 160 Gbyte or better, 2nd HD with option R&S® PSL-B7
DVD-Combodrive CD	up to 700 Mbyte, CD-R read/write 24x/24x or better CD-RW read/write 24x/10x or better
DVD	up to 8.5 Gbyte, DVD read 8x or better up to 8.5 Gbyte, DVD write 8x or better
Floppy disk	3 1/2", 1.44 Mbyte
Internal Interfaces	
Free slots PCI	4 × 32 bit, max 330 mm × 106 mm
External Interfaces	
Display (max 1600 × 1200) DVI VGA	DVI-D connector 15-pin sub-D connector
USB	2 × USB 1.1 3 × USB 2.0
Ethernet	1 × 10/100/1000 Mbit/s, RJ45 1 × 10/100 Mbit/s, RJ45
Serial	2 × RS-232-C (COM), 9-pin sub-D connector
Parallel	Centronics LPT1 (ECP, EPP), 25-pin sub-D connector
IEC/IEEE	IEC 60625-2 (IEEE 488.2), compatible with NI TNT, 24-pin Amphenol connector
Software	
BIOS	AWARD
Operating System (optional)	Windows XP Embedded (english)
General data	
Rated temperature range	+5 °C to +45 °C, meets EN 60068-2-1 or -2
Storage temperature range	25 °C to +60 °C, meets EN 60068-2-2
Humidity (+40 °C, non-condensing)	80% relative humidity, meets EN 60068-2-3
Electromagnetic compatibility	meets requirements of EMC Directive 89/336/EEC, applied standard: EN 61326 (Immunity for industrial environment; Emission requirements class B)

Electrical safety	EN 61010-1
Mechanical resistance Vibration sinusoidal	non-operating mode meets EN 60068-2-6, 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 meets EN 60068-2-64, 10 Hz to 300 Hz, acceleration 1.2 g rms
Vibration random	
Shock	meets EN 60068-2-27, MIL-STD-810D, 40 g shock spectrum
Power supply	Power factor correction meets EN 61000-3-2 100 V to 240 V (AC) ±10 %, 2.2 A to 0.15 A, 50 Hz to 60 Hz
Input Power consumption (base unit)	approx. 35 W
Dimensions (W × H × D)	465 mm × 150 mm × 517 mm (19"; 3 height units)
Weight (base unit)	approx. 9.5 kg

Ordering information

Designation	Type	Order number
Industrial Controller	R&S® PSL3	1161.5000.04
Accessoires supplied	Manual, driver (CD), power cable	
Extras		
2nd Harddisk, 160 Gbyte	R&S® PSL-B7	1157.6470.04
Keyboard, US character set, USB	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® PSL3	R&S® ZZA-311	1096.3277.00
IEC Bus Cables	R&S® PCK	0292.2013.05 0292.2013.10 0292.2013.20 0292.2013.40
0.5 m		
1 m		
2 m		
4 m		



For product brochure, see PD 0758.0216.12
and www.rohde-schwarz.com
(search term: PSL3)



ROHDE & SCHWARZ

www.rohde-schwarz.com

Europe: +49 1805 12 4242, customersupport@rohde-schwarz.com
USA and Canada: 1-888-837-8772, customer.support@rsa.rohde-schwarz.com
Asia: +65 65130488, customersupport.asia@rohde-schwarz.com