

	Model	S06	S12	S24	H06	H12	H24
Physical							
Weight				11.5 kg			
Environmental (operating)			-10° - 55°C, humidity: 10% - 90% non condensing				
Power supply			90 - 264 V, 47 - 63 Hz				
Dynamic Inputs							
No. of inputs		6	12	24	6	12	24
Connector				BNC			
Signal range				±30 V			
ADC resolution				24 bit			
Dynamic range			106 dB			99 dB	
Input configurations			IEPE, AC coupling, DC coupling, selectable per channel				
IEPE current				4 mA			
Maximum sampling rate			12.8 kHz/ch			102.4 kHz/ch	
Noise at maximum sampling rate			106 µVrms			251 µVrms	
Isolation continuous				60 VDC Ch-Earth			
Input impedance				324 kΩ			
Counter inputs							
No. of speed inputs				2			
Connector				BNC			
Input range				±24 V			
Input impedance				33 kΩ			
Trigger threshold resolution				29.3 mV			
Trigger hysteresis				2.4 V			
Frequency range				DC to 500 kHz			
Minimum pulse width				1 µs			
Process inputs							
No. of inputs				6			
Connector				BNC			
Input type			Single ended, referenced to common ground				
Signal range				±10 V			
Maximum sampling rate				50 Hz/ch			
ADC resolution				14 bit			
Absolute accuracy				6 mV at full scale			
Computer (minimum spec)							
CPU		5th generation Intel(R) Core™ i7 (2.2 GHz, dual core, 4 MB cache)					
Memory		4 GB					
Operating System		Windows 7 64 Bit					
Front panel connections		2x USB 2.0, 1x Gb LAN					
User interface		Integrated keyboard & trackpad. External mouse & keyboard support via USB					
Display							
Type		Backlit LED					
Screen diagonal		396 mm (15.6")					
Resolution		1920 x 1080 pixels					
Surface treatment		Anti-glare, protected by bonded toughened glass					