

ServoOne multi-axis system - DC axis modules - Technical Data
with air cooling (A) or liquid cooling (L)

	BG1	BG2	BG3	BG4	BG5	BG6	BG6a
Nominal voltage	565/770 V DC						
Rated current [A_{rms}]	4/6 (A)	8/12 (A)	16/20 (A) 20/25 (L) ¹⁾	24/32 (A) 30/40 (L) ¹⁾	45/60/72 (A) 54/70/84 (L)	90/110 (A) 110/130 (L)	143/170/210 (A) 170/200/250 (L)
Peak current [A_{rms}]	12/18 ¹⁾	24/36 ¹⁾	48/60 ¹⁾	72/96 ¹⁾	90/120/144	180/220	286/315/315
Cooling	Air cooling		Air- /liquid cooling				
Field buses (Option 1)	EtherCAT, SERCOS II & III, PROFINET IRT, VARAN, CANopen, PROFIBUS-DPV1						
Technology (Option 2)	Sin/Cos-encoder, TTL-Encodersimulation/Encoder input						
Safety technology	STO according SIL 2 to IEC 61508/IEC 62061, PL d to EN ISO 13849						
Integrated safety control	optional SIL 3 to IEC 61508/IEC 62061, PL e to EN ISO 13849					³⁾	
Approvals	CE, UL						
Dimensions (W x H x D) [mm]	58.5 x 355 x 244	90 x 355 x 244	130 x 355 x 244	175 x 355 x 244	190 x 382.5 x 255	280 x 600 x 240	280 x 600 x 320

¹⁾ preliminary data ²⁾ available from November 2009 ³⁾ with external Safe Monitoring Control (SMC)

Information and specifications are subject to change at any time. For more information please visit us at www.lt-i.com.