

Parameter		Min	Typ.	Max	Unit
Timing Characteristics					
Rise Time		180	200		nS
On Time Range		7.5μ		100m	Sec
Off Time Range		7.5μ		10	Sec
Load Characteristics					
Current Range		5		500	A
Current Resolution			1		A
Current Output Accuracy			5		%
Input Voltage Rating		0.6		2.0	V
Current Sense Output					
Conversion Ratio		50		250	A/V
Max Current	Single Device		500		A
	2 Parallel Devices	10		1000	A
	Max (3) Parallel Devices	15		1500	A
Current Readout Accuracy			5		%
Sampling System					
Sampling Rate				10	MSPS
Bandwidth			5		MHz
Capture Depth			24		kPoints
Power Dissipation Characteristics					
Continuous Power Dissipation				25	W
Instantaneous Power Dissipation				500	W
Device Connection					
DUT Connector	Preferred	Samtec HSEC8-130-01-L-DV-A-WT-K-TR			
	Surface Mount Only	Samtec HSEC8-130-01-L-DV-K-TR			
	Keepout Drawing and Pinout	https://loadslammer.com/connector/			
Non-Isolated	LoadSlammer Pro must be used with a regulator that has a positive voltage. The USB data connection is non-isolated, this effectively grounds the DUT's ground.				
Current Settings (AC+DC)					
50 A/V SMB Scale	1 Channel	0		90	A
100 A/V SMB Scale	2 Channels	90		190	A
150 A/V SMB Scale	3 Channels	190		290	A
200 A/V SMB Scale	4 Channels	290		390	A
250 A/V SMB Scale	5 Channels	390		500	A
250 A/V SMB Scale	10 Channels	10		1000	A
250 A/V SMB Scale	15 Channels	15		1500	A