



UNIT UNDER TEST (UUT) Summary Sheet

UUT-2

99414-1501

Model Line	Model Number	Manufacturer
Digital Master Controller	DMC 8000	Cummins

Product Construction Summary

Carbon Steel Base Frame, Carbon Steel Enclosure, Frame: 12GA Steel, External Top/side covers: 16GA Steel, External Door/Rear covers: 14GA Steel, Interior panels: 12 GA Galvanized Steel

Options / Subcomponent Summary

Advantech Touchscreen, Cummins Controller, Phoenix Contact Power Supply, Allen Bradley Contactor Style Relay, Phoenix Contact Terminal Style Control Relay, Schneider Electric Circuit Breaker, Hofman Enclosure, IXYS Dual Rectifier

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
710	31	32	90	7	6.3	16.3

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS}	z/h	I _P	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2019	ICC-ES AC156	2	1.00	1.5	3.2	2.4	1.34	0.54

Test Mounting Details

UUT rigidly attached to shake table using (4) Grade 5, 5/8" Dia. bolts. round washers, triangular plate washers (supplied by manufacturer)



All units were filled with contents and maintained structural integrity and functionality after AC-156 test.