

Technical Data and Specifications - LMR Plus Electric Controllers Line Terminals on Main Isolation Switch (Incoming Cables)

Qty. & Cable Sizes	
American Wire Gauge (AWG /MCM)	Diameter (mm)
(1)#14-1/0 PER Ø (CU/AL)	(1.63 - 5.83 mm)
(1)#4-4/0 PER Ø (CU)	(5.83 - 11.68 mm)
(1)#3-350MCM PER Ø (CU/AL)	(5.83 -15.03 mm)
(2)3/0-250MCM PER Ø (CU/AL)	((10.40 - 12.70 mm)
(2)2/0-250-350MCM PER Ø (CU/AL)	((12.70 - 15.03 mm)
(2)#1-500MCM PER Ø (CU/AL)	((7.35 - 17.96 mm)
(3)3/0-400MCM PER Ø (CU/AL)	((10.40 - 16.06 mm)

Service Entrance Ground Lug - Qty. & Cable Sizes	
American Wire Gauge (AWG /MCM)	Diameter (mm)
(1)#14-2/0 PER Ø (CU/AL)	(1.63 - 9.27 mm)
(1)#4-350MCM PER Ø (CU/AL)	(5.19 - 15.03 mm)
(2)1/0-750MCM PER Ø (CU/AL)	(8.25 -22.00 mm)

Load Terminals (To Motor)

Qty. & Cable Sizes	
American Wire Gauge (AWG /MCM)	Diameter (mm)
(1)#4-#3 PER Ø (CU)	(1.63 - 5.83 mm)
(1)#4-4/0 PER Ø (CU/AL)	(1.63 - 8.25 mm)
(1)#6-250MCM PER Ø (CU/AL)	(4.11 -12.70 mm)
(2)1/0-250MCM PER Ø (CU/AL)	((8.25 - 12.70 mm)
(2)2/0-500MCM PER Ø (CU/AL)	((9.27 - 17.96 mm)

For Proper Cable Size Refer to National Electrical Code NFPA-70.

Technical Data and Specifications - DIESEL Plus Diesel Engine Controllers Line Terminals (Incoming Cables)

Recommended Wire Size	Terminal Number	Distance
I/O Board		
Stranded # 14 (1.63 mm)	11, 34-49, 60-95	N. A.
Stranded # 14 (1.63 mm)	Option Board Terminals	N. A.
Engine Board		
Stranded # 14 (1.63 mm)	1-5, 9, 10, 12, 301, 302, 303, 304, 310, 311, 312, L, N, G	N. A.
Battery Wire		
Stranded # 10 (2.59 mm)	6, 8, 11	0 feet to 25 feet (7.62m)
Stranded # 8 (3.26 mm)	6, 8, 11	25 feet to 50 feet (7.62 - 15.24m)