

Title:	Revision
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

Rev.	Date	Author	Description
A	8/24/2025	Gerardo Solis	Initial Design

Title:	Notes
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

Flag	Quantity	Note
①	1	Wrap the harness using Tesa 51608 fleece tape or equivalent
②	1	All Labels set approx. 20mm from the connection
③	1	Serialize harnesses with increments format label - HDGEN2_XXX



Title:	BOM
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Label	Serial Number	Serial Number	Serial Number	1	See Drawing
2	Label	Generic	Part Number Label	Write Part Number in Label	2	See Drawing
3	Label	Generic	Device ID Label	Write Device/Connector ID in Label	4	See Drawing
4	Ring Terminal	Panduit	PN10-10R-L	Panduit PN10-10R-L Ring Terminal, Nylon Insulated, 600V, 12-10AWG, #10 Stud, Yellow, 50Pcs	2	RelayPWRBUS1, RelayPWRBUS2
5	Ring Terminal	Wirefy	RSRV5.5-10-90	Ring Connector 3/8" Yellow 12-10AWG	2	COMPPWRBUS1, COMPPWRBUS2
6	Tape	Tesa	51608-00006-00	tesa 51608 Polyester Fleece Cable Harnessing Tape Manual Unwind 15mm x 15m	1	See Drawing
7	Wire	Generic Automotive Wire	Generic 12AWG Red		2000 mm	W1, W2

Title:	Wiring Table
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

From	To	Conductor	Conductor PN	Twisted With	Size	Length	From Contact PN	Notes
RelayPWRBUS1	COMPPWRBUS1	 W1.Red	Generic 12AWG Red		12 AWG	1000 mm		RelaytoPWRBUS
RelayPWRBUS2	COMPPWRBUS2	 W2.Red	Generic 12AWG Red		12 AWG	1000 mm		RelaytoPWRBUS

Title:	Cutlist
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

#	Type	Reference Designator	Manufacturer	Part Number	Color	Size	From Strip	To Strip	Length	Twisted With	Notes
1	Wire	W1	Generic Automotive Wire	Generic 12AWG Red	 Red	12 AWG			1000 mm		RelaytoPWRBUS
2	Wire	W2	Generic Automotive Wire	Generic 12AWG Red	 Red	12 AWG			1000 mm		RelaytoPWRBUS

Title:	Labels
Part Number:	04-210-2961
Description:	04-210-2961_PDMGRNDBusBar

#	Manufacturer	Part Number	Description	Label Text
1	Generic	Device ID Label	Write Device/Connector ID in Label	COMPPWRBUS1
2	Generic	Device ID Label	Write Device/Connector ID in Label	COMPPWRBUS2
3	Generic	Device ID Label	Write Device/Connector ID in Label	RelayPWRBUS1
4	Generic	Device ID Label	Write Device/Connector ID in Label	RelayPWRBUS2
5	Generic	Part Number Label	Write Part Number in Label	04-210-2961
6	Generic	Part Number Label	Write Part Number in Label	PDMGRNDBusBar
7	Serial Number	Serial Number	Serial Number	HDGEN2-XXX