

Revisions

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

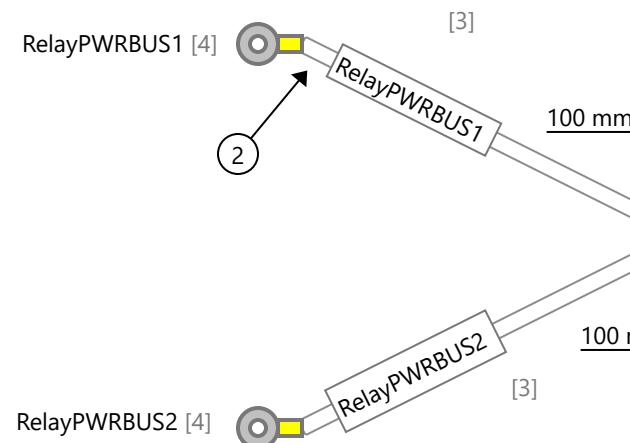
Notes

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

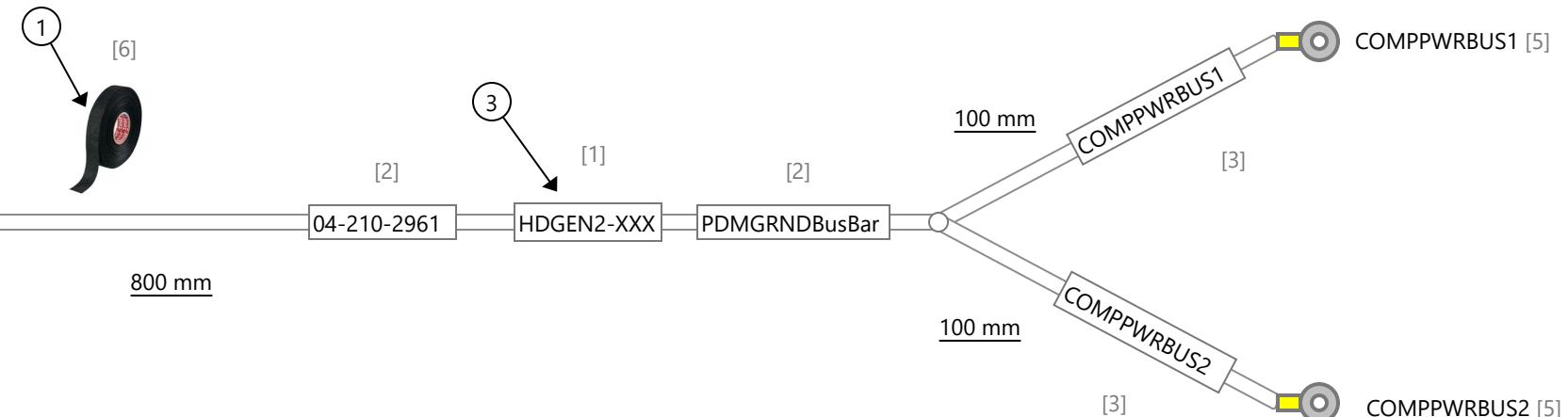
Bill of Materials

ID	Type	Manufacturer	Part Number	Quantity
1	Label	Serial Number	Serial Number	1
2	Label	Generic	Part Number Label	2
3	Label	Generic	Device ID Label	4
4	Ring Terminal	Panduit	PN10-10R-L	2
5	Ring Terminal	Wirefy	RSRV5.5-10-90	2
6	Tape	Tesa	51608-00006-00	1
7	Wire	Generic Automotive Wire	Generic 12AWG Red	2000 mm

From	To	Conductor	Color	Size	Length	Notes
RelayPWRBUS1	COMPPWRBUS1	W1.Red	Red	12 AWG	1000 mm	RelaytoPWRBUS



From	To	Conductor	Color	Size	Length	Notes
COMPPWRBUS1	RelayPWRBUS1	W1.Red	Red	12 AWG	1000 mm	RelaytoPWRBUS



From	To	Conductor	Color	Size	Length	Notes
RelayPWRBUS2	COMPPWRBUS2	W2.Red	Red	12 AWG	1000 mm	RelaytoPWRBUS

From	To	Conductor	Color	Size	Length	Notes
COMPPWRBUS2	RelayPWRBUS2	W2.Red	Red	12 AWG	1000 mm	RelaytoPWRBUS

Title 04-210-2961_RelaytoPWRBUSMainCOMP

Description 04-210-2961_PDMGRNDBusBar

Part Number 04-210-2961

Revision A

	Name	Date	Applied Intuition
Drawn By	Gerardo Solis	08-24-2025	
Eng Approved	----	----	
Mfg Approved	----	----	
QA	----	----	

This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization.

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