

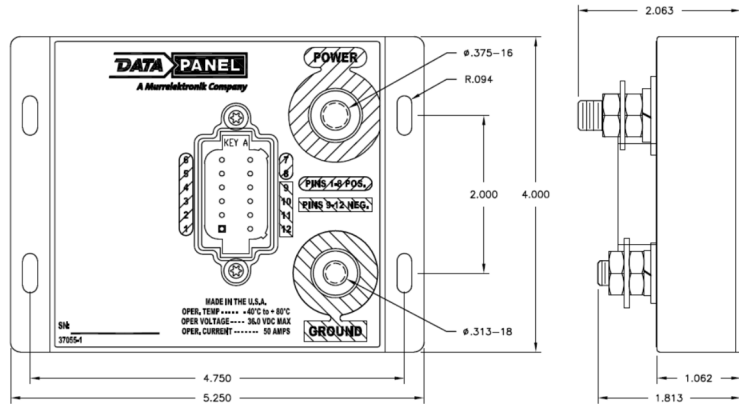
Data Sheet

DP-37055-1

PS-1


**Power Splitter &
Distribution Device,
1 Connector**

**36 Vdc Max
IP67**

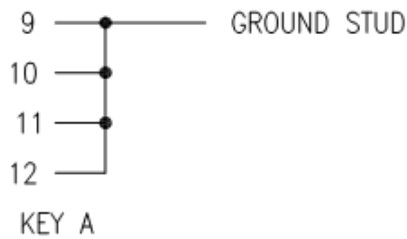
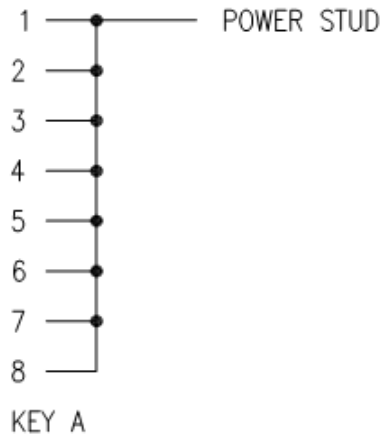


Technical Data

Housing	Aluminum, black anodized
Dimensions (l x W x h)	5.25 x 4.00 x 2.06 inch
Weight	1.3 lbs (0.6 Kg)
Installation	Screw connection 4 x #8
Torque specification	Power Stud (3/8-16): dry torque 154 in-lbs. Ground Stud (5/16-18): dry torque 86 in-lbs.
Mating Connectors and Accessories	
Deutsch® Key A connector	DT06-12SA
Deutsch® size 20 Socket	0462-201-20141
Deutsch® size 16 Socket	0462-201-16141
Deutsch® Wedgelock	W12S
Deutsch® Seal Plug	114017-ZX
Operating Voltage	36 Vdc max.
Input Current	50A max.
Output Current	13.5A continuous per pin max.
Total Inputs	2 – 1 Main Power 3/8" Stud 1 Main Ground 5/16" Stud
Total Outputs	12 Pins (8 power + 4 ground)
Operating Temperature	-40...80 °C
Storage Temperature	-40...85 °C
IP67	User to protect input stud(s) Connector seal plugs required for unused pins


				Date	Name	Data Sheet PS-1 Power Splitter & Distribution Device 1 Connector		
				Originator	01.30.20			FSa
				Approved	01.30.20			FSa
c	DCN F226	03.16.20	FSa	 A Murrelektronik Company		Art. No.: DP-37055-1	Sheet	
b	DCN F175	02.03.20	FSa				1 of 2	
Rev	Description	Date	Name					
a	Initial release	01.30.20	FSa	DP-37055-1_db_e_c.docx				

Connector Wire Diagram



Notes:

1. All power to vehicle must be turned off prior installation of the device.
2. The device should only be installed by a trained electrician following standard best practices
3. To maintain IP rating, sealing plugs need to be installed on all unpopulated positions on mating connectors.

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