

Data Sheet

DP-34044-5

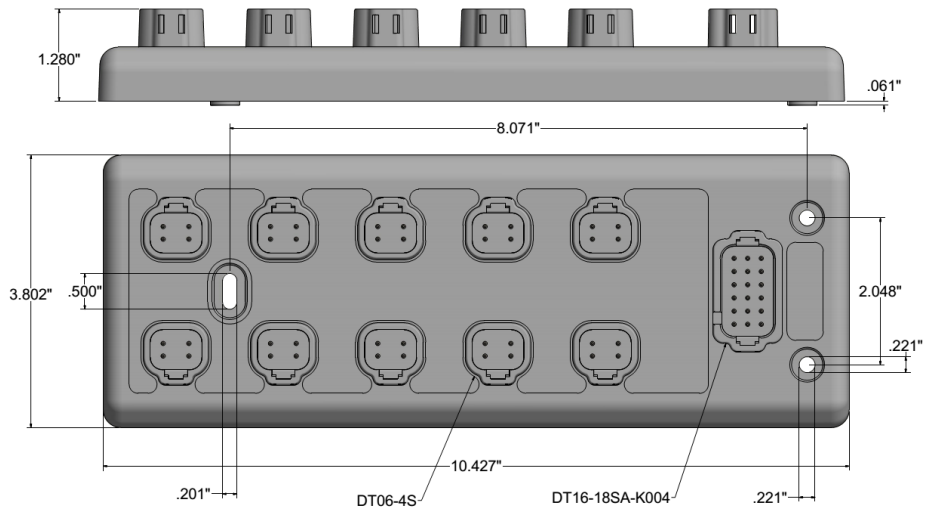
XtremeDB Module

Molded Plastic

Output module

J1939 Interface

8...32V DC




Technical Data

16 Outputs (Digital)

Housing	Molded plastic
Dimensions (l x W x h)	3.802 x 10.427 x 1.341 inch
Installation	Screw connection 3 x M5
Connections	
Operating Voltage and CAN bus	18 pole DT16-18SA Socket
Outputs	8 x DT06-4S
CAN in/out	2 x DT06-4S
Weight	1.5 lb
Operating Voltage	8-32V DC
Switching Current	(14) 4A, (2) 10A,
Communication Interface and Baud Rate	2 non-isolated J1939 ports (250kb & 500kb)
Node ID	0-15
Total Outputs	16
Outputs (configurable)	Ports 1-8: Digital high side
PWM Frequency	100-1200hz
Outputs Diagnostics	Short circuit and Overcurrent
Operating Temperature	-40...85 °C
Storage Temperature	-45...85 °C
Protection	IP67

Operating States (LEDs)	Color	Status
PWR	Blue	Module and Ports power are connected
COM & STAT	Green	Module and Communication status
FLT	Red	Fault Status
OUT	Yellow	Left LED – Output A Right LED – Output B

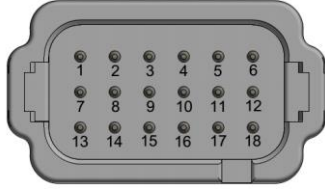
				Data Sheet		
				XtremeDB J1939		
				16 outputs digital		
				Art. No.: DP-34044-5		
				Sheet 1 of 2		
Rev.	Description	Date	Name			
a	Initial release	02.10.17	JNa			
				Originator	01.20.17	JNa
				Approved	02.10.17	KGu
				2/10/2017 DP-34044-5db.doc		

Characteristics of the outputs ports

Outputs

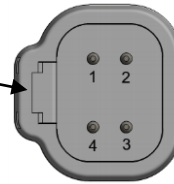
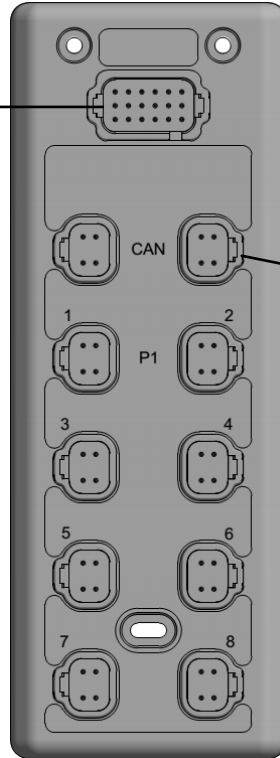
Voltage Output	
Output Voltage	8...32V DC
Switching Current	4A
Total Current	max. 52A

Connecting elements



Connections:

1. Baud 1-A
2. Config 1-A
3. Config 2-A
4. Config 3-A
5. Config 4-A
6. Power 4
7. Baud 1-B
8. Config 1-B
9. Config 2-B
10. Config 3-B
11. Config 4-B
12. Ground B
13. Power 1
14. Power 2
15. Power 3
16. Ground B
17. Ground B
18. Ground B



Connections:

- CAN Port 1 & 2**
 Pin 1 = 8 - 32V DC
 Pin 2 = CAN High
 Pin 3 = Ground A
 Pin 4 = CAN Low

OUTPUT Ports 1 to 8

- Pin 1 = Ground B
 Pin 2 = Output B
 Pin 3 = Ground B
 Pin 4 = Output A

Test standards and regulation

Climatic test	Temperature Shock to EN 60068-2-14:2000-08
Mechanical resistance test	Vibration to JDQ 53.3 6.1.1 & 6.1.2, level 4 Shock to EN 60068-2-27:2009, test Ea Bump to EN 60068-2-29:2009, test Eb IP protection to EN 60529:2000-09, test IP67

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