

XTREMEDB MINI

Slim CAN modules for mobile machines

04|2023



xtremeDBmini

Stand alone or xDB extension module

xtremeDBm[®] is everything you love about the xtremeDB, just

- 48% smaller size, 65% lighter than xDB – fits in every corner
- High power digital outputs – perfect for worklight control
- Software changeable node address and baudrate
- Improved status indication by multi-colored LEDs
- Customizable labels – brand it with your company logo
- No more waste of I/O ports
- No need for new accessories – use the same as in xDB



At a glance

xtremeDBmini

Multi-color LEDs for visual diagnostics at the port and module level

CAN communication

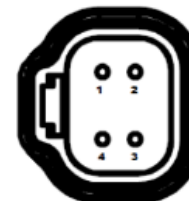
Customizable labels

DEUTSCH connections for sensors, valves and other components

IP69K with Murrelektronik MDC cables



- Three 6 Port CANBUS Variants
- One 6 Port CAN Splitter
- Configurable Inputs and Outputs
 - Digital, 0-5V DC, 0-10V DC, 4-20 mA, counter, frequency, encoder, ratiometric, ground input
 - Digital, PWM, PWM(i)
- Two I/O Pins per Port, 8 Total Inputs/Outputs
- Current Rating
 - Up to 26A per module
 - Up to 5A per pin, combinable for 10A per port
- 9...32V DC
- Operating Temperature Range: -40 to 85°C
- Size: HxWxD: 238 x 50 x 34 mm



| CAN Ports

- Pin 1 = Power
- Pin 2 = CAN High
- Pin 3 = Ground EXT
- Pin 4 = CAN Low

| Inputs

- Pin 1 = Sensor Power
- Pin 2 = Input B
- Pin 3 = Ground A
- Pin 4 = Input A

| Outputs

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

J1939

CANopen
in preparation



Variant overview

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Product Family	xDBmini DP-40044			
Variant	-01 4 IN / 4 OUT	-02 8 IN	-03 8 OUT PWMi	-05 8 OUT DO
Inputs Total	4	8		
Digital inputs (DI)		2		
Analogue inputs (configurable as DI)	2	4		
Digital / Frequency / Counter inputs (ENC Gray-Code)	2	2		
Outputs Total	4		8	8
Simultaneously switchable	4		8	8
Digital outputs (DO) 5 A each, bridgeable				8
DO / PWM / PWMi outputs (3 A)	4		8	

in preparation

in preparation

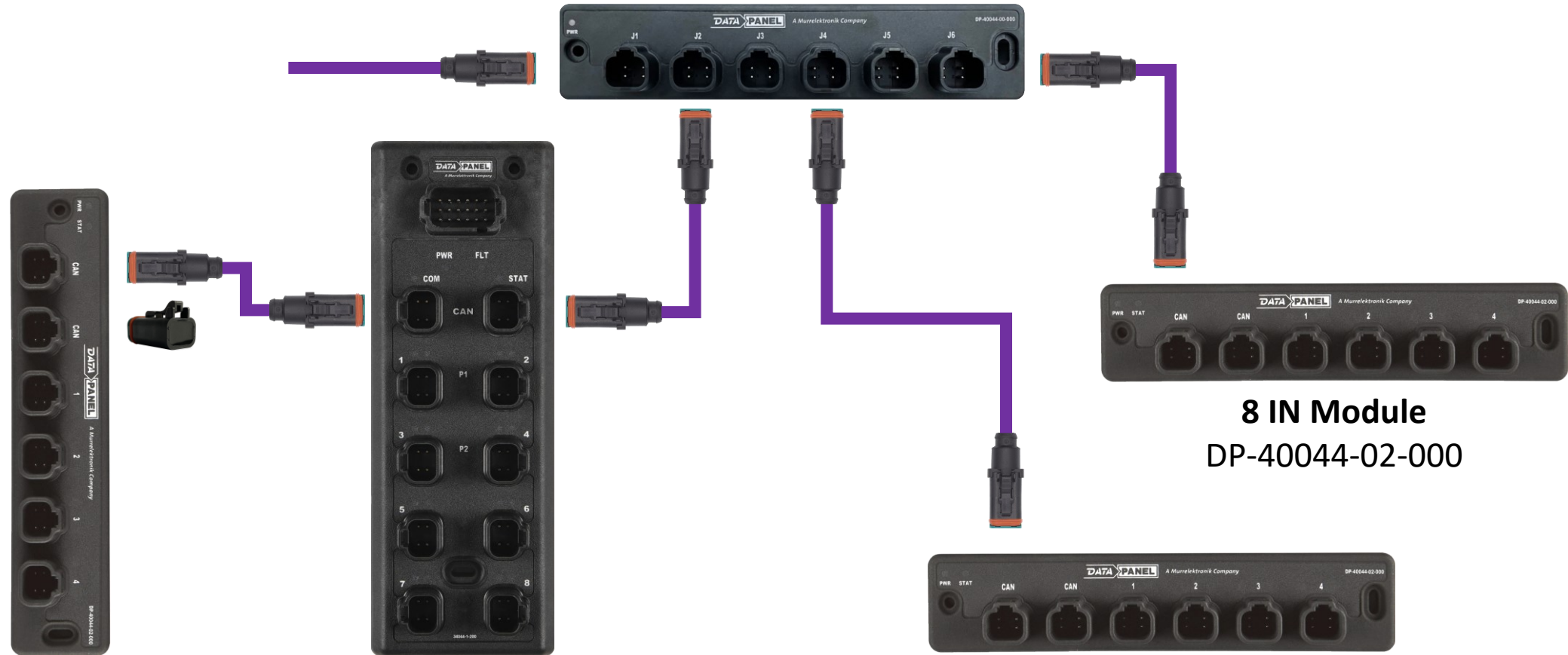


xtremeDBmini

Perfect Extension for xDB

XTREME DB_{MINI}

xDBm 6-way CAN / Power Splitter
DP-40044-00-000



4 IN / 4 OUT Module
DP-40044-01-000

xDB 16 Signal Module
DP-34044-x-yyy

8 OUT Module
DP-40044-05-000

8 IN Module
DP-40044-02-000



The growing xtreme modules family

FLXTREME



XTREME **DB**_{MINI}

XTREME **DB**



XTREME **BLOCK**





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Application solutions & products for simple, decentralized and high-quality machine installation

MOBILE AUTOMATION, PLUGGED IN - DONE!

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