XTREME BLOCK

DATA PANEL
POWERED BY MURRELEKTRONIK

xtremeBLOCK

TURN TWO INTO ONE

DP-81000-1-200

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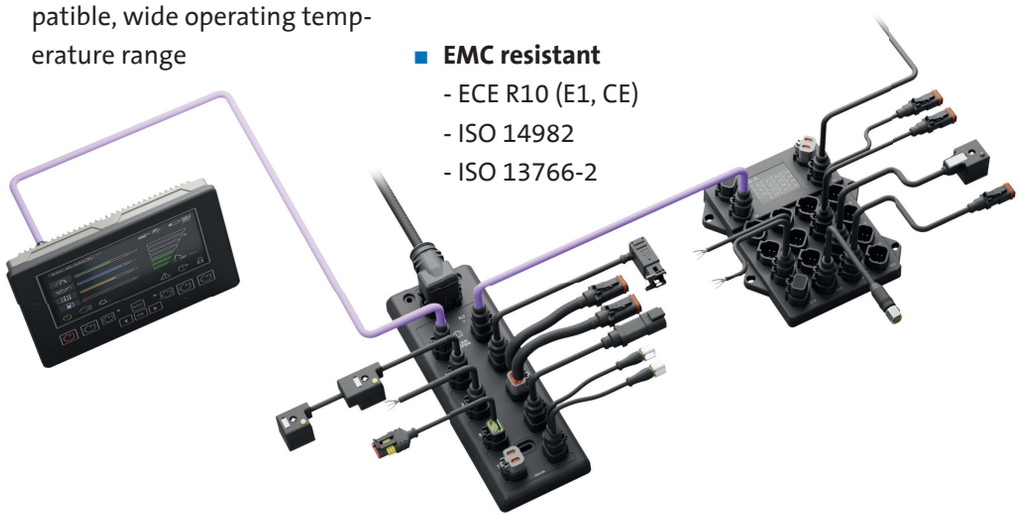
TURN TWO INTO ONE

If mobile machines need flexible IO wiring, decentralized bus modules are the solution. Data Panel offers high quality, IP69K capable alternatives to terminal boxes and cable harnesses for special vehicles and mobile machines.

xtremeBLOCK can often **replace two modules** thanks to its variety of signal types and high number of inputs / outputs. The matching overmolded or molded connection cables and a full line of accessories complete the xtremeBLOCK modular wiring concept. All together this not only saves space, but it also reduces costs and wiring efforts.

BENEFITS

- **Input signals**
  Eight digital PNP / NPN inputs, four additional frequency inputs, up to 14 digital inputs by configuration
- **Output signals**
  Four digital, six PWM and four PWMi outputs
- **Vibration and shock resistance**
  ISO 16750-3
- **Robust and durable**
  Fully potted, dust and water proof, pressure washer compatible, wide operating temperature range
- **Easily find errors**
  Extensive diagnostics via LED and bus connection
- **EMC resistant**
  - ECE R10 (E1, CE)
  - ISO 14982
  - ISO 13766-2



FEATURES

Characteristic	Value	Characteristic	Value
Dimensions L x W x H	180,5 x 159,5 x 32 mm	**Digital- / Frequency Inputs**	0,1 ... 10.000 Hz
Weight	800 g	**Analog Inputs**	0 ... 20 mA / 0 ... 10 V / 12 bit resolution
Housing Material	Polyamid (PA), reinforced	**Digital Outputs**	3 A (50% duty cycle)
Contact	Solid, nickel plated	**PWM Outputs**	7 A / max. 1,5 kHz
Connections	AT / DT-4P	**PWMi Outputs**	3 A / max. 1,5 kHz
Operating Voltage	8 ... 32 V DC	**Protection Class**	IP65 / IP69K with MDC connection cables
Operating current per potential / total current	max. 13 A / max. 26 A	**Ambient Temperature**	-40°C ... +85°C
Module Diagnostics	Low voltage / overvoltage / overtemperature / overload / short circuit	**Resistance to Vibration and Shock**	ISO 16750-3
CAN Protocols	CANopen / CAN Layer 2.0B	**MTTF (T=40°C)**	87 years
Baud Rate	125, 250, 500, 1.000 kbit/s	**EMC**	ISO 14982 / ISO 13766 / ECE R10 (E1) E-approval