

COMING SOON: EPEC 3606 CONTROL UNIT

Epec 3606 Control Unit

The new Epec 3606 Control Unit is a compact multifunction controller based on the same tested and proven heavy-duty design as all Epec control units. All are specially designed for mobile machines operating in very challenging environmental conditions.

The robust, leak proof zink/plastic cover has been widely tested against different chemicals. Also, the unique shape of the casing works to protect the electronics inside against mechanical wear. Three point anchorage confirms firm mounting also on irregular surfaces.

The unit has an optimized number of both input and output pins to be used for numerous roles in the control system. The total number of I/O pins is 21, including digital inputs and outputs, analog inputs, pulse inputs, proportional (PWM) outputs, and current feedback inputs.

A totally new design of the robust unit carries plenty of new features such as signal LED for control unit diagnostics. One CAN is equipped with double pins, which makes cabling easier since there is no need for branches in the wire harness. A second CAN is also available as an option.

Epec control system products are designed and manufactured according to strict standards of the mobile machinery industry.



TECHNICAL FEATURES:

- 16/32 bit powerful microprocessor
- Flash memory: 1,6 MByte
- RAM memory for application variables 112 kByte
- PLCopen application size up to 768 kByte
- Temperature range up to +85°C



3606 CONTROL UNIT									
PROCESSOR	16/32 BIT CPU, 100 MHz	APPLICATION SIZE	768 KBYTE	RAM FOR APPLICATION VARIABLES	112 KBYTE	SIZE	138 X 108 X 44 mm		
NOMINAL OPERATING VOLTAGE	24 VDC	FULL OPERATING RANGE	8,5 ... 32 VDC	PROGRAMMING	CoDeSys 2.3	PROTECTION CLASS	IP67		
OVERVOLTAGE PROTECTION	70 VDC	OPERATING TEMPERATURE	-40 ... +85°C	CONNECTORS	1 X AMP35				
I/O INTERFACE, CONFIGURATION EXAMPLE	4 X AI/FB	8 X	PWM/DO/DI (SOURCING)	4 X AI/DI	5 X DI/PI				
I/O PINS TOTAL	21								
COMMUNICATIONS	1 X CAN	2ND CAN AS AN OPTION							

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