

EPEC 38 CANOPEN SLAVE M1

Everything happens easily and automatically controlled by the total control system.

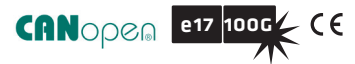
38 CANopen Slave M1 is a versatile control unit for CANbased control system with a very small footprint and highly flexible configuration capabilities in accordance with CAN in Automation CANopen device profile DS-401.



38 CANopen Slave M1 is designed specially for mobile machines operating in the most difficult and demanding conditions. It has the same proven water proof and compact construction as all Epec control units to endure even the toughest environmental conditions in mines, dusty construction sites, and cold and wet conditions.

With wide operating voltage range, robust aluminium housing, and protection class IP67 (dust and water proof) together with high endurance against shock and vibrations, the Epec slave unit is a superior solution for your mobile machines and vehicles to be used for example as an expansion unit for control systems. The slave unit is connected to the master control unit via a CAN bus. The trick is that you don't have to do any programming work for the slave unit, since they are controlled by master units. Therefore, they are easy blocks for creating embedded control systems or to expand the I/Os of an active control unit. The I/O pins of the Epec slave unit are controlled by the master units' commands and operations.

This reliable, robust and easy-to-use generic I/O slave answers the ever increasing demand to integrate all machine functions with intelligent machine control. The Epec CANopen slave unit is the smallest control unit for embedded control systems available, yet offers a considerable amount (20 pc.) of controllable I/Os. The slave unit operates in a wide temperature range and is also very easy to mount due to its compact size. The Epec CANopen slave units' total robustness and snap-in AMP connectors also give you plenty of scope for a flexible mounting.



TECHNICAL SPECIFICATIONS:

38 CANOPEN SLAVE M1							
PROCESSOR	C167 40MHZ	PROGRAMMING	CANOPEN SLAVE				
PROTECTION CLASS	IP67	SIZE	147 X 63 X 53mm	WEIGHT	0,5 kg		
NOMINAL OPERATING VOLTAGE	24 VDC	FULL OPERATING RANGE	9 ... 30 VDC	OVERVOLTAGE PROTECTION	34 VDC		
OPERATING TEMPERATURE	-40 ... +70°C		CONNECTORS	1 X AMP23	1 X AMP8		
I/O INTERFACE, CONFIGURATION EXAMPLE	4 X DI/PI	3 X AI/FB/DI	6 X DI/AI	2 X DI/DO/PWM (SOURCING)	1 X DI/DO (SINKING)	4 X DI/DO/PWM/PI (SOURCING)	
I/O PINS TOTAL	20	COMMUNICATIONS	1 X CAN				