SEO CANeasy FMS (35xxxxxx)

Technical Data

Power supply (12V, 24V, 48V)	9÷63 V
Current consumption in work mode (at 12V)	12,4÷18,8 mA
Current consumption in sleep mode (at 12V)	3,1 mA
Current consumption when ignition ON (at 12V)	12,4÷18,8 mA
Current consumption in work mode (at 24V)	6,0÷9,5 mA
Current consumption in sleep mode (at 24V)	1,5 mA
Current consumption when ignition ON (at 24V)	6,0÷9,5 mA
Supported CAN BUS speed	20÷1000 kbit/s
Supported UART speed	1,2÷125 kbit/s
Transition time to sleep mode	5 s
Time of going out from sleep mode	800 μs
RS232 port data speed	9600 bit/s
Voltage level of RS232 Tx pin 5/7	0 V / 4,80 V
Voltage high level of RS232 Rx pin 4/7	−15,00÷1,70 V
Voltage low level of RS232 Rx pin 4/7	2,4÷15,0 V
Number of supported CAN BUSes	2 + 1
Data conversion to FMS standard for GPS/GSM devices	YES
Data speed on CAN BUS FMS pins 2/7, 3/7	250 kbit/s
CAN BUS FMS termination resistor on pin 2/7, 3/7	120 ohm
The effectiveness of data reception in conditions of low noise	100 %
The effectiveness of data reception in conditions of high noise	98 %
Automatic recognition of CANL / CANH	YES
Overcurrent protection of CAN BUS FMS pins 2/7, 3/7	YES
Overcurrent protection of RS232 pins 4/7, 5/7	YES
Overcurrent protection of CAN2 pins 1/4, 2/4	YES
Overcurrent protection of pin 4/4 output	YES
The voltage at the output pin 4/4 - equals to the supply voltage	9÷63 V
Current rating of pin 4/4 output	60 mA
1−wire CAN BUS support (SAE J2411)	YES
2−wire CAN BUS support (SAE J1939)	YES
Support of J1708 (SAE J1587)	YES
Support of LIN transmission	YES
Microcontroller type	Automotive
Operating temperature range	−40ºC ÷ +85ºC
Dimensions	41 x 33 x 14 mm
PCB marking	U445