

MSA-Box II (Ethernet / K-Line / CAN Interface)

The MSA-Box II is the low cost unit for PC-supported calibration and configuration on Ethernet, K-Line or CAN interface of an ECU.

The MSA-Box II is coupled to the PC via the USB interface. This ensures a powerful and universal link to all common PCs. The coupling to the ECU is effected via Ethernet, K-Line or CAN of the diagnosis interface.



Mechanical Data

Size	84 x 38 x 25 mm
Temperature range	0 ... 70 °C

Electrical Data

Input voltage (vehicle side)	8 ... 32 V
Power consumption (powered from USB)	typ. 0.5 W
USB	USB 2.0, high speed (480 MBit/s)
Ethernet	100 MBit/s
K-Line	300 Bd ... up to 320 kBd
CAN	10 kBit/s ... 1 MBit/s

Operating System

Windows XP 32 Bit
Windows Vista 32/64 Bit
Windows 7 32/64 Bit

Details

Compact design
Fully suitable for motor vehicle use
Power supply through the connection to the ECU from board mains with galvanic separation
All inputs and outputs to the PC galvanically separated

Connectors and Wires

Connector	AS 6-12-35PN	F 02U 000 441-01
Mating connector	AS 0-12-35SN	F 02U 000 258-01
Pin 1	terminal 30 (permanent pos)	
Pin 2	terminal 15 (switched pos)	
Pin 3	GND	
Pin 4	CAN_High	
Pin 10	K-line	
Pin 8	RxD +	
Pin 9	RxD -	
Pin 11	TxD+	
Pin 12	TxD -	
Pin 16	CAN_Low	
Pin 22	SCR	
Diagnosis wire length		2 m
USB wire length		0.5 m

Part Number

MSA-Box II	F 02U V00 327-02
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