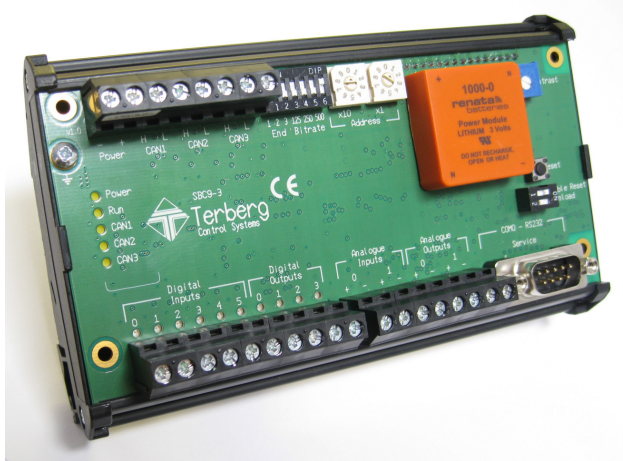


SBC9-3 v1.x



Technical specifications

Digital inputs	Number of inputs: 6 Type: PNP, common negative Impedance: 12kΩ For signal "0": 0 to 7V DC For signal "1": min. 14V DC
Digital outputs	Number of outputs: 4 Type: PNP, 24V DC, 200mA (short circuit resistant) Output voltage dependent on supply voltage
Analogue inputs	Number of inputs: 2 Impedance: 20kΩ (voltage) Voltage: 0 to 10V DC Resolution: 12 bit
Analogue outputs	!For current measurement (0 to 20mA), please contact Terberg Automotive Number of outputs: 2 Voltage: 0 to 10V DC Resolution: 12 bit
Processor	Infineon XC167CI (40MHz)
Memory	Program memory: 256kB FLASH Data memory: 128kB
Watchdog	No
Battery backup unit	Yes (15 years at 25°C)
Real time clock	Yes
Power measuring onboard	Yes
Power fail	Yes
CAN interface	CAN1: TCAN I/O (Terberg CAN for inputs and/or outputs) CAN2: TCAN CPU (Terberg CAN for interfacing) CAN3: TCAN MM (Terberg CAN for broadcasting)
Status indications	Power, Run, Low Battery, CAN1, CAN2 and CAN3 with LED's
Power supply	24V DC (16 to 30V DC)
Power consumption	50mA at 24V DC + load (15mA) for LCD display ¹⁾ + load (max. 200mA) by active output
User interface	1 x RS232 (incl. handshake signals) 1 x Dot matrix LCD 4x20 display (Display is not included, optional) ¹⁾
EMC directive 89/336/EEC	EN61000-6-2 and EN61000-6-4
Operating temperature	-20°C to +60°C (with no icing or condensing)

Connector	Type: Terminal block Wire range: 2.5mm ² Torque: 0.45Nm Screw: M2.5
Housing Dimensions (L x W x H)	Carrier module for 35mm DIN-rail mounting ¹⁾ 87 x 151 x 53mm

Order information

SBC9-3 v1.1 **38 84 40 09 11**

SBC9-3 v1.1 excl. housing **38 84 30 09 11** ¹⁾ For LCD application no housing needed

Order information accessory

Display 4x20 LCD v1.0 **36 00 00 00 07**

For further information please contact



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Specifications are subject to change without prior notice