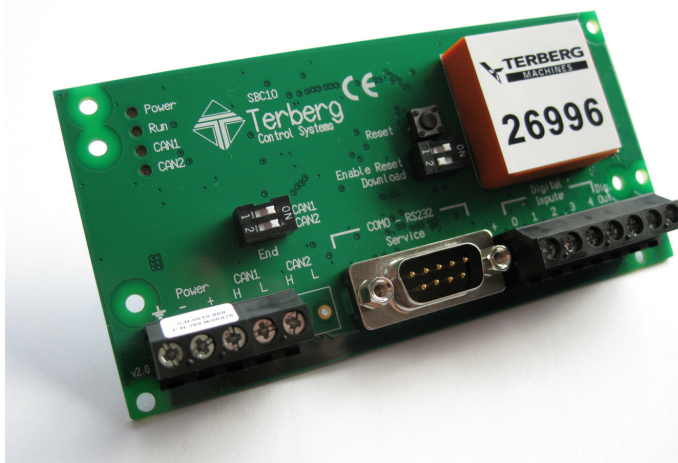


SBC10 v2.x



Technical specifications

Digital inputs	Number of inputs: 5 Type: PNP, common negative Impedance: 12kΩ For signal "0": 0 to 7V DC For signal "1": min. 14V DC
Digital outputs	Number of outputs: 1 Type: PNP, 24V DC, 200mA (short circuit resistant) Output voltage dependent on supply voltage
Processor	Infineon XC164CS (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	No
Power fail	Yes
CAN interface	CAN1: TCAN I/O (Terberg CAN for inputs and/or outputs) CAN2: TCAN CPU (Terberg CAN for interfacing) ¹⁾ Optional for CAN2: J1939 or Clean open
Status indications	Power, Run, Low Battery, CAN1 and CAN2 with LED's
Power supply	24V DC (16 to 30V DC)
Power consumption	42mA at 24V DC + load (38mA) for VFD display + load (max. 200mA) by active output
User interface	1 x RS232 (incl. handshake signals) 1 x VFD 2x20 display (display is not included, optional)
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	None
Dimensions (L x W x H)	61 x 123 x 29mm

Order information

SBC10 v2.0 **38 84 50 09 20**

SBC10 v2.0 **38 84 60 09 20** ¹⁾ CAN2 not included

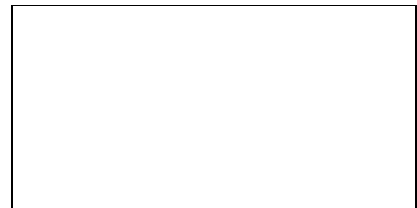
Order information accessory

Display 2x20 VFD v1.0 **38 93 30 09 10**

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Specifications are subject to change without prior notice