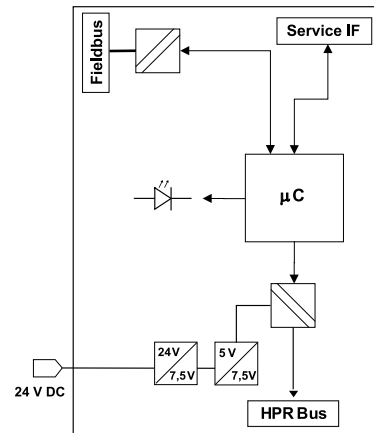


# HE 5811

**HIMOD field bus coupler CANopen**  
CAN 20 kBaud...1 MBaud



The field bus coupler HE 5811 links the modular process I/O HIMOD system with a CANopen network. The connection to the CAN bus is established with a 9-pin D-SUB connector. Up to 62 I/O modules can be connected per bus coupler. The connection of the modules takes place over an internal bus system. Up to 16 modules can be operated directly on the bus coupler, in addition the system can be expanded with an additional power module HE 5830. In the bus coupler the areas of power supply volt-



age, field bus and logics are isolated galvanically from each other. The system configuration from bus coupler and I/O modules can be determined quickly by means of the buttons integrated in the front of the casing. Configuration and parameter-setting of the individual modules can be carried out both via the field bus as well as over the SmartPort interface.

Current versions of the associated software SmartControl as well as other information can be found at [www.hesch.de](http://www.hesch.de)

TECHNICAL DATA	
<b>Power supply</b>	24 V DC (-20 % / +25 %), protected against reverse polarity and overvoltage
<b>Current / power consumption</b>	Max. 170 mA / 4 W own requirements
<b>Power supply for I/O modules</b>	24 V DC (max. 4 A) and 7.5 V DC (max. 2 A), short-circuit-proof
<b>Number of I/O modules that can be coupled</b>	1...16 or 1...62 with additional power modules
<b>Electrical isolation</b>	1000 V <sub>eff</sub> [internal (supply / field bus / logics) / external]
<b>Connections / interfaces:</b>	
<b>CAN-bus</b>	1 x D-SUB connector, 9-pin
<b>Service / SmartPort</b>	1 x RJ10, front
<b>HPR-bus</b>	1 x T-bus connector
<b>Supply 24 V DC</b>	1 x screw / plug terminal block
<b>CAN-bus:</b>	
CAN-bus connection according to IEC 11898, CANopen protocol	
Baud rate 20...1000 kbaud, can be set via BCD switch	
Address range: 1...99, can be set via BCD switch	
Address range: 1...126, can be set with software, if BCD switch = 0	
<b>Control elements:</b>	
<b>Baud rate / addresses</b>	3 x BCD rotary coded switch
<b>Node configuration</b>	1 x button "Config", at the front
<b>Diagnostic display:</b>	
<b>5 status-LEDs</b>	1 x device status, 4 x bus status
<b>Wiring technique</b>	Screw / plug terminals, conductor cross-section 0.2...2.5 mm <sup>2</sup>
<b>Weight</b>	150 g

ORDERING DATA	ORDER NUMBER	PU
<b>HE 5811, CANopen, CE</b>	58115000	1

ACCESSORIES	ORDER NUMBER	PU
<b>SmartControl configuration environment</b>	58510000	1
<b>USB connection cord</b>	58513000	1
<b>Screw plug terminal</b>	133332	10
<b>Spring clamp terminal</b>	133331	10
<b>T-bus connector</b>	38100150	10

APPROVAL	
<b>Conformity marking</b>	CE

Technical alterations reserved