

S-DIAS Interface Module

ICA 011



with 1 CAN bus
1 termination circuit switchable

The S-DIAS ICA 011 interface module has a CAN interface.

The internal CAN termination resistor can be deactivated at the connector via software or wire jumper.

Performance Data

Interfaces	1x CAN 1x Termination connection		
Adjustable data transfer rates	CAN	20,000 Baud, 50,000 Baud, 100,000 Baud, 125,000 Baud, 250,000 Baud, 500,000 Baud, 615,000 Baud, 1,000.000 Baud	
Over voltage protection	CAN	Pin CAN H	±30 V
		Pin CAN L	±30 V
	Termination	Pin TERM+	+30 V -0 V
		Pin TERM-	0
Maximum connectible CAN participants	100		
Short-circuit proof	yes		
Status LEDs	yes		

Electrical Requirements

Power supply +24 V	18-30 V DC	
Voltage supply from S-DIAS bus	+5 V	
Current consumption on the S-DIAS bus (+5 V supply)	typically 60 mA	maximum 70 mA
Voltage supply from S-DIAS bus	+24 V	
Current consumption on the S-DIAS bus (+24 V supply)	typically 20 mA	maximum 40 mA

Article Number and Miscellaneous

Article number	20-102-011	
Dimensions	12.5 x 104.2 x 72 mm (W x H x D)	
Standard	UL 508 (E247993)	
Approvals	UL, cUL, CE	

Environmental Conditions

Storage temperature	-20 ... +85 °C	
Environmental temperature	0 ... +55 °C	
Humidity	0-95 %, non-condensing	
Operating conditions	pollution degree 2 altitude up to 2000 m	
EMC resistance	in accordance with EN 61000-6-2 (industrial area)	
EMC noise generation	in accordance with EN 61000-6-4 (industrial area)	
Vibration resistance	EN 60068-2-6	3.5 mm from 5-8.4 Hz 1 g from 8.4-150 Hz
Shock resistance	EN 60068-2-27	15 g
Protection type	EN 60529	IP20