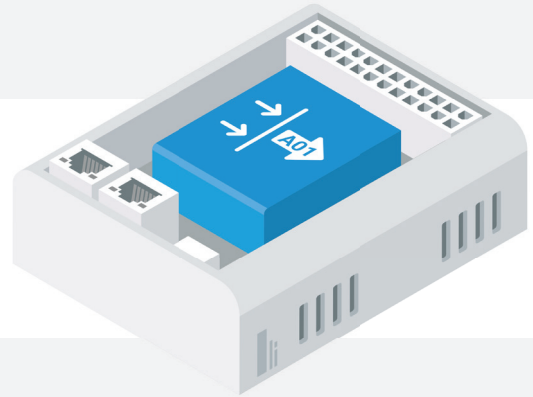


Technical data sheet

DE-CONverter A01

Interface-Converter



General data

Power supply	24 V DC [nominal voltage]
Permitted voltage range	20 - 36 V DC
Residual ripple	max. 200 mVss
Power consumption [typical]	
DE-CONverter	ca. 3,8 W [ca. 135 mA @ 24V DC]
Power IO-Voltage	24 V DC [nominal voltage]
Permitted voltage range	20 - 36 V DC
Fuse F1 [24 V DC Power Supply]	1 A delayed fuse [Type: Littelfuse 0154.001 DRT]
Polyswitch [24 V DC external]	max. 600 mA
Max. ambient temperature (Operating)	0°C - +50°C
Storage temperature	-20°C - +85°C
Relative humidity	85% without condensation
Weight	ca. 250 g
Dimensions	ca. 90 mm x 143 mm x 69 mm [L x B x H]
Installation position	any
Protection class	IP20 (IP65)
EMV, CE	according to EN61000-6-2 Interference immunity according to EN55011, Kl. B Emission

Processor + Memory

CPU	ARM Cortex M4
SDRAM	8 MB
FLASH	4 MB
NVRAM [SPI]	128 KB
Serial EEPROM	4 MB
Watchdogtimer	Yes

Interfaces

1x RS485/422	in RS422 Mode fixed termination in RS485 Mode switchable with termination
1x RS485	switchable with termination
Electrical isolation	500 V
1x USB [Mini-USB]	USB 1.1 (no electrical isolation)
2x Ethernet [RJ45]	10/100 MBit/s with switch function
Supported Interfaces and protocols	Profinet Modbus TCP Ethernet IP EtherCAT Profibus RK512 OPC UA Serial fieldbusses RS232 RS485 RS422
Supported devices	on request

IO's

4x Digital inputs	24 V nominal voltage; according to DIN EN 61131-2 Typ 1
1x Impulse input	0 - 10 kHz
4x Digital outputs Switching voltage	Changeover contacts max. 42 V DC / 30 V min. 1 V @ 1 mA
Contact rating	max. 3 A
Switching power	max. 80 VA
Electrical isolation	500 V

Would you like to learn more about our products? We look forward to advising you.



DEMIC Datentechnik GmbH
Ohlenhohnstraße 48, 53819 Neunkirchen
Phone: +49 2247 91890
E-Mail: kontakt@demic-datentechnik.de