

Name	Value
Absolute maximum rating (destruction limits)	
- Power supply voltage U_p no polarity reversal protection	80 V
- Continuous Electronic supply voltage U_e no polarity reversal protection	33 V
- Short term peak voltage < 1s U_e no polarity reversal protection	37 V
Power	
- Electronic supply voltage U_e	9..30 V
- Power supply voltage U_p	9..60 V
- Max. output current	25 A
- Continuous output current ^{*2}	8 A
- Output voltage	90% U_p
Motor types	
- DC motors	yes
- BLDC motors	yes
- Linear motors	yes
- Stepper motors	no
Mechanical	
- Size LxWxH	78 x 74 x 28 mm
CAN bus	
- Protocol	DS301
- Device profile	DS402
- Galvanically isolated	no
Sensor supply (Encoder)	
- Output voltage	5 V
- Max. output current	0.2 A
Encoder	
- Type	sin / cos
- Input voltage	1 V peak-peak, differential
- Signal type	sine/cosine, analog, differential, 1,085 kOhm input impedance
Digital inputs	
- Number	8 (Din0..7)
Digital outputs	
- Number	4 (Dout0..3)
- Continuous output current	0.3 A
Analog inputs	
- Number	3 (Ain0..2)
- Signal type - Ain0..1	0..10 V, 12 Bit, single ended, 20 kOhm input impedance
- Signal type - Ain2	0..5 V, 12 Bit, single ended, 5V pull up intern 1,5 kOhm