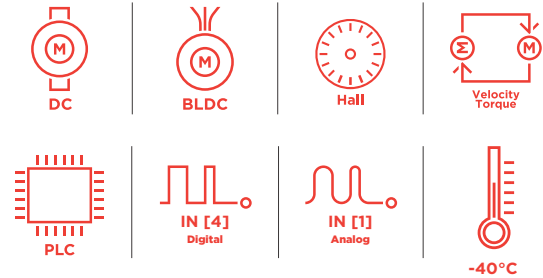
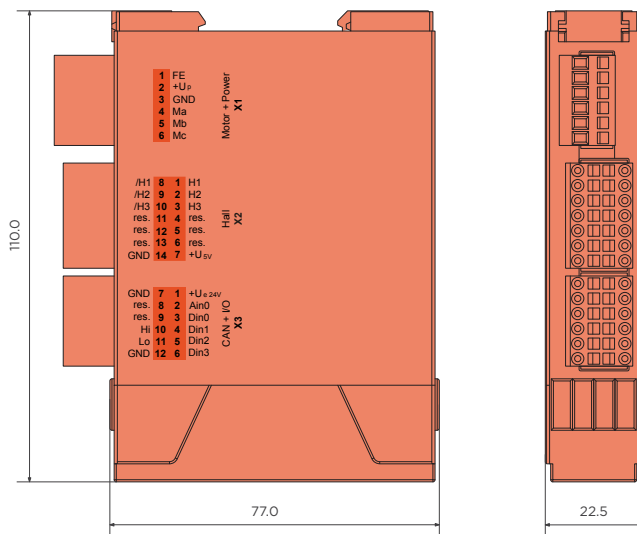


SVTE-A-B40-CanOpen Servo Drives

60VDC | 10A
DC motors, BLDC motors



CANopen

Values	Unit
Power	
1 Electronic supply voltage U _e	VDC 9..30
2 Power supply voltage U _p	VDC 9..60
3 Max. output current	A 30
4 Continuous output current @ U _p =24VDC	A 10
5 Continuous output current @ U _p =48VDC	A 8.5
6 Output voltage	Up to 90%
Motor types	
7 DC motors	yes
8 BLDC motors	yes
9 Stepper motors	no
Mechanical	
10 Size LxWxH	mm 110 x 22.5 x 77
CAN bus	
11 Protocol	DS301
12 Galvanically isolated	no
Hall sensors	
13 Input voltage (24VDC tolerant)	VDC 0..5
14 Signal type	differential, open collector, single ended, 5VDC pull up intern 920 Ohm
Digital input	
15 Number	4 (Din0..3)
Analog inputs	
16 Number	1 (Ain0)
Environment	
17 Operating temperature	°C -40...+70

Connection

X1 Motor		
1	FE	Functional earth
2	+Up	Power supply voltage
3	GND	Ground for power supply voltage
4	Ma	Motor phase A
5	Mb	Motor phase B
6	Mc	Motor phase C
X2 Hall and inc. encoder		
1	H1	Hall sensor 1
2	H2	Hall sensor 2
3	H3	Hall sensor 3
4	res.	Reserved
5	res.	Reserved
6	res.	Reserved
7	+U5V	5V output voltage for sensor supply Sensors: encoder, hall
8	/H1	Hall sensor 1 inverted
9	/H2	Hall sensor 2 inverted
10	/H3	Hall sensor 3 inverted
11	res.	Reserved
12	res.	Reserved
13	res.	Reserved
14	GND	Ground for sensor supply (don't connect with system GND)
X3 I/O's and CAN		
1	+Ue24V	Electronic supply voltage
2	Ain0	Analog input 0
3	Din0	Digital input 0
4	Din1	Digital input 1
5	Din2	Digital input 2
6	Din3	Digital input 3
7	GND	Ground for electronic supply voltage
8	res.	Reserved
9	res.	Reserved
10	CAN Hi	CAN High
11	CAN Lo	CAN Low
12	CAN GND	CAN Ground