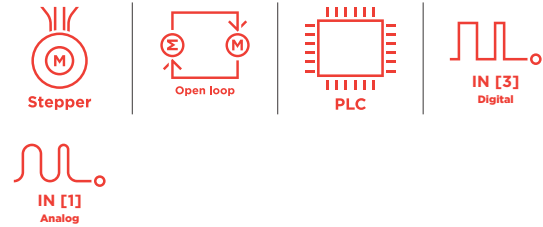
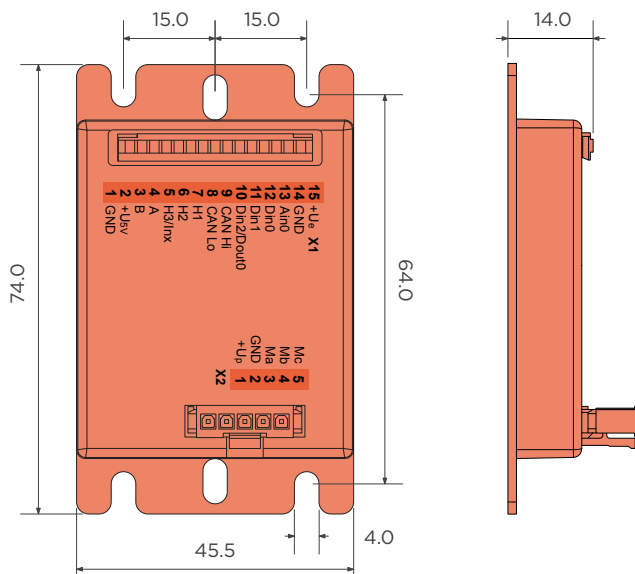


SVTE-A-S60-CanOpen Stepper Drives

60VDC | 3.5A
Stepper motors



CANopen

Values	Unit
Power	
1 Electronic supply voltage Ue	VDC 9..30
2 Power supply voltage Up	VDC 9..60
3 Max. output current	A 10
4 Continuous output current @ Up=24VDC	A 3.5
5 Continuous output current @ Up=48VDC	A 3
6 Output voltage	Up to 85%
Motor types	
7 DC motors	no
8 BLDC motors	no
9 Stepper motors	yes
Mechanical	
10 Size LxWxH	mm 74 x 45.5 x 14
CAN bus	
11 Protocol	DS301
12 Device profile	DS402
13 Galvanically isolated	no
Digital input	
14 Number	3 (Din0..2)
Analog inputs	
15 Number	1 (Ain0)
16 Signal type	0..10 VDC, 12 Bit, single ended
Environment	
17 Operating temperature	°C -25...+70

Connection

X3 I/O's and CAN

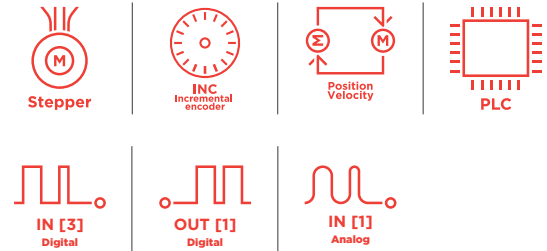
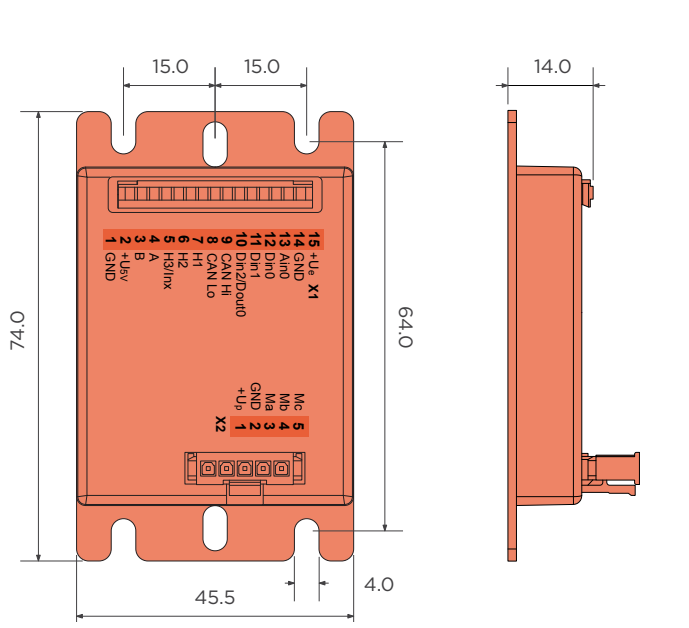
1	GND	Ground of the auxiliary voltage (don't connect with system GND)
2	+U5V	5V output voltage (auxiliary voltage)
3	res.	Reserved
4	res.	Reserved
5	res.	Reserved
6	res.	Reserved
7	res.	Reserved
8	CAN Lo	CAN Low
9	CAN Hi	CAN High
10	Din2	Digital input 2
11	Din1	Digital input 1
12	Din0	Digital input 0
13	Ain0	Analog input 0
14	GND	Ground for electronic supply voltage
15	+Ue	Electronic supply voltage

X2 Motor

1	+Up	Power supply voltage
2	GND	Ground for sensor supply
3	Ma	Motor phase A
4	Mb	Motor phase B
5	Mc	Motor phase C
6	Md	Motor phase D

SVTE-A-S65-CanOpen Stepper Drives

60VDC | 3.5A
Stepper motors



CANopen

Values	Unit
Power	
1 Electronic supply voltage Ue	VDC 9..30
2 Power supply voltage Up	VDC 9..60
3 Max. output current	A 10
4 Continuous output current @ Up=24VDC	A 3.5
5 Continuous output current @ Up=48VDC	A 3
6 Output voltage	Up to 85%
Motor types	
7 DC motors	no
8 BLDC motors	no
9 Stepper motors	yes
Mechanical	
10 Size LxWxH	mm 74 x 45.5 x 14
CAN bus	
11 Protocol	DS301
12 Device profile	DS402
13 Galvanically isolated	no
Incremental encoder	
14 Input voltage	VDC 0..5
15 Signal type	open collector, single ended
Digital input	
16 Number	3 (Din0..2); Din2 parallel with Dout0 (must not exceed electronic supply voltage)
Digital output	
17 Number	1 (Dout0); Dout0 parallel with Din2
18 Continuous output current	1.5 (Load: resistive, inductive)
Analog inputs	
19 Number	1 (Ain0)
20 Signal type - Ain0	+/- 10 VDC, 12 Bit, single ended
Environment	
22 Operating temperature	°C -25...+70

Connection

X3 I/O's and CAN

1	GND	Ground of the auxiliary voltage (don't connect with system GND)
2	+U5V	5V output voltage for supply encoder
3	B	Inc. encoder, B channel
4	A	Inc. encoder, A channel
5	Inx	Inc. encoder, index channel
6	res.	Reserved
7	res.	Reserved
8	CAN Lo	CAN Low
9	CAN Hi	CAN High
10	Din2/Dout0	Digital input 2 / Digital output 0
11	Din1	Digital input 1
12	Din0	Digital input 0
13	Ain0	Analog input 0
14	GND	Ground for electronic supply voltage
15	+Ue	Electronic supply voltage

X2 Motor

1	+Up	Power supply voltage
2	GND	Ground for sensor supply
3	Ma	Motor phase A
4	Mb	Motor phase B
5	Mc	Motor phase C
6	Md	Motor phase D