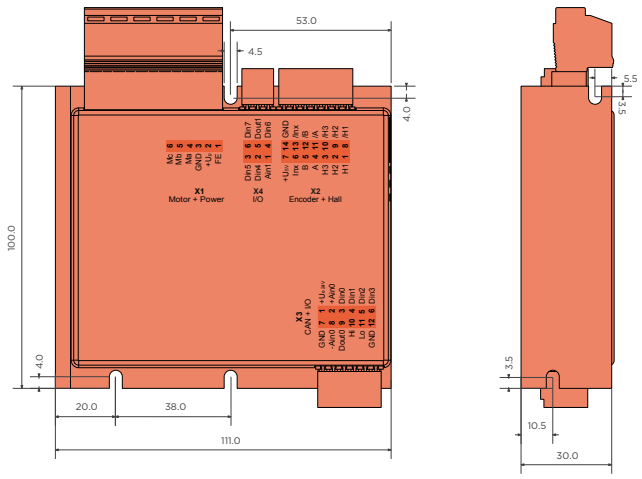
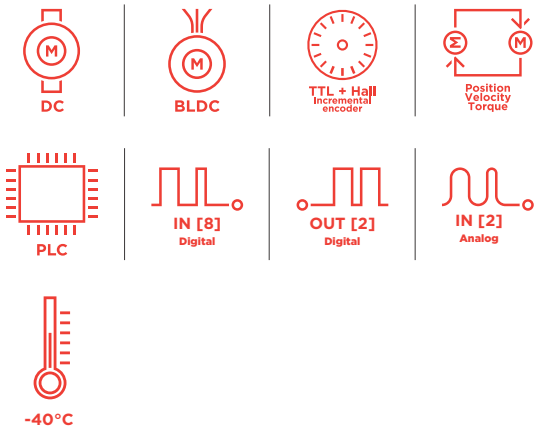
SVTE-A-E25-CanOpen
Servo Drives

60VDC | 35A
DC motors, BLDC motors





CANopen

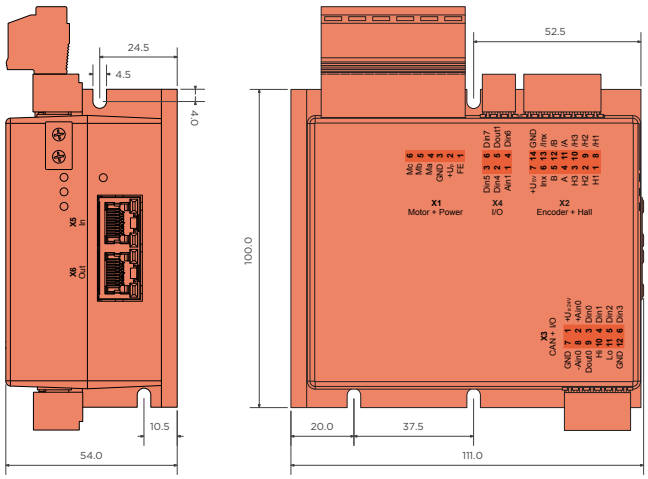
	Values	Unit	
	Power		
1	Electronic supply voltage Ue	VDC	9..30
2	Power supply voltage Up	VDC	9..60
3	Max. output current	A	100
4	Continuous output current @ Up=24VDC	A	35
5	Continuous output current @ Up=48VVDC	A	26
6	Output voltage		Up to 100%
	Motor types		
7	DC motors		yes
8	BLDC motors		yes
9	Stepper motors		no
	Mechanical		
10	Size LxWxH	mm	111 x 100 x 30
	CAN bus		
11	Protocol		DS301
12	Device profile		DS402
13	Galvanically isolated		yes
	Incremental encoder		
14	Input voltage (24VDC tolerant)	VDC	0..5
15	Signal type		differential, open collector, single ended
	Hall sensors		
16	Input voltage (24VDC tolerant)	VDC	0..5
17	Signal type		differential, open collector, single ended
	Digital input		
18	Number		8 (Din0..7)
	Digital output		
19	Number		2 (Dout0..1)
20	Continuous output current	A	1.5 (Load: resistive, inductive)
	Analog inputs		
21	Number		2 (Ain0..1)
22	Signal type - Ain0		+/- 10 VDC, 12 Bit, differential
23	Signal type - Ain1		+/- 10 VDC, 12 Bit, single ended
	Environment		
24	Operating temperature	°C	-40...+70

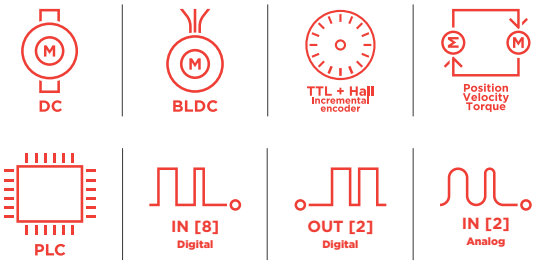
Connection

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	A	Inc. encoder, A channel
5	B	Inc. encoder, B channel
6	Inx	Inc. encoder, index channel
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	/A	Inc. encoder, A channel invert
12	/B	Inc. encoder, B channel inverted
13	/Inx	Inc. encoder, index channel inverted
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, positive
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	-Ain0	Analog input 0, negative
9	Dout0	Digital output 0
10	CAN Hi	CAN High
11	CAN Lo	CAN Low
12	CAN GND	CAN Ground
X4	I/O's	
1	Ain1	Analog input 1
2	Din4	Digital input 4
3	Din5	Digital input 5
4	Din6	Digital input 6
5	Dout1	Digital output 1
6	Din7	Digital input 7

SVTE-A-E25-EtherCAT
Servo Drives

60VDC | 35A
DC motors, BLDC motors





CANopen | EtherCAT

	Values	Unit	
	Power		
1	Electronic supply voltage Ue	VDC	9..30
2	Power supply voltage Up	VDC	9..60
3	Max. output current	A	100
4	Continuous output current @ Up=24VDC	A	35
5	Continuous output current @ Up=48VDC	A	26
6	Output voltage		Up to 100%
	Motor types		
7	DC motors		yes
8	BLDC motors		yes
9	Stepper motors		no
	Mechanical		
10	Size LxWxH	mm	111 x 100 x 54
	CAN bus		
11	Protocol		DS301
12	Device profile		DS402
13	Galvanically isolated		yes
	EtherCAT		
14	Type		EtherCAT Slave
15	Physical layer		100 Base-Tx EtherCAT
16	Max. baudrate		100 Mbit/s
17	Number of ports		2xRJ45 (In,Out)
18	Protocol		CoE (CANopen over EtherCAT)
	Incremental encoder		
19	Input voltage (24VDC tolerant)	VDC	0..5
20	Signal type		differential, open collector, single ended
	Hall sensors		
21	Input voltage (24VDC tolerant)	VDC	0..5
22	Signal type		differential, open collector, single ended
	Digital input		
23	Number		8 (Din0..7)
	Digital output		
24	Number		2 (Dout0..1)
25	Continuous output current	A	1.5 (Load: resistive, inductive)
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27	Signal type - Ain0		+/- 10 VDC, 12 Bit, differential
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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, positive
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	-Ain0	Analog input 0, negative
9	Dout0	Digital output 0
10	CAN Hi	CAN High
11	CAN Lo	CAN Low
12	CAN GND	CAN Ground
X4	I/O's	
1	Ain1	Analog input 1
2	Din4	Digital input 4
3	Din5	Digital input 5
4	Din6	Digital input 6
5	Dout1	Digital output 1
6	Din7	Digital input 7
X5	EtherCAT - In port	
X6	EtherCAT - Out port	