

Drive electrical data

Running datas				
Parameters		Min.	Typical	Max.
Voltage power supply "Vdc"	Vdc	9	48	75
Current "Idc"	A	-	15	60
Standby power "Wo"	W	-	2	-
Voltage optional logic supply (see wiring diagram)	Vdc	9	-	36

CAN Bus characteristics				
Parameters		Min.	Typical	Max.
CAN_L insulated	Vdc	0,5	1,5	2,25
CAN_H insulated	Vdc	2,75	3,5	4,5

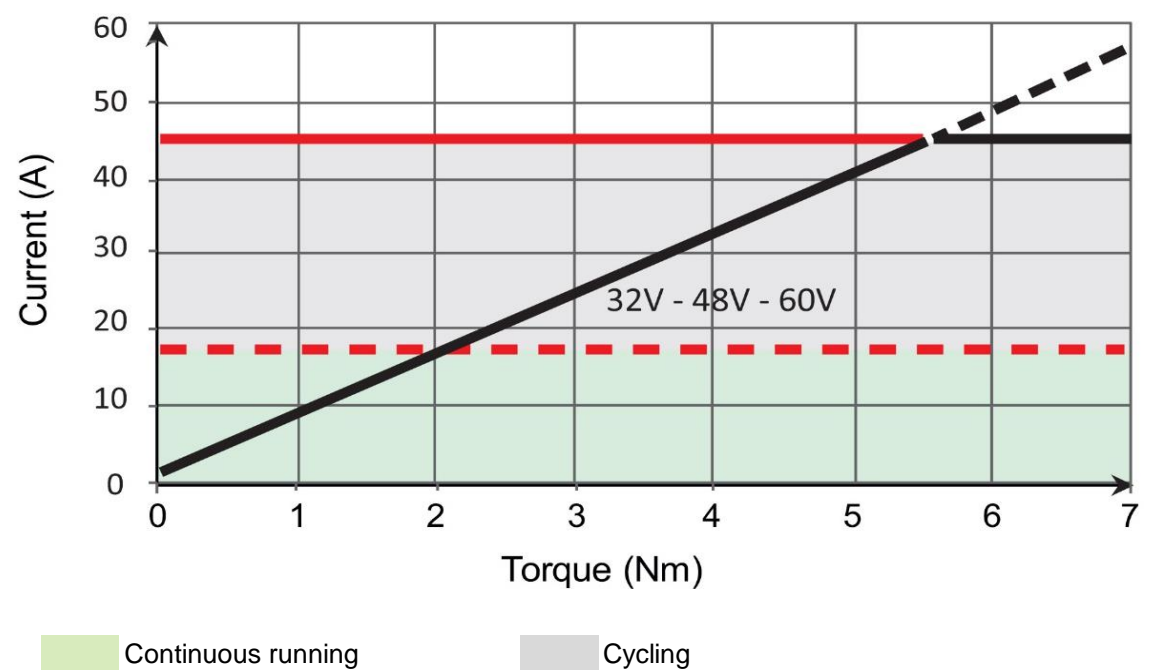
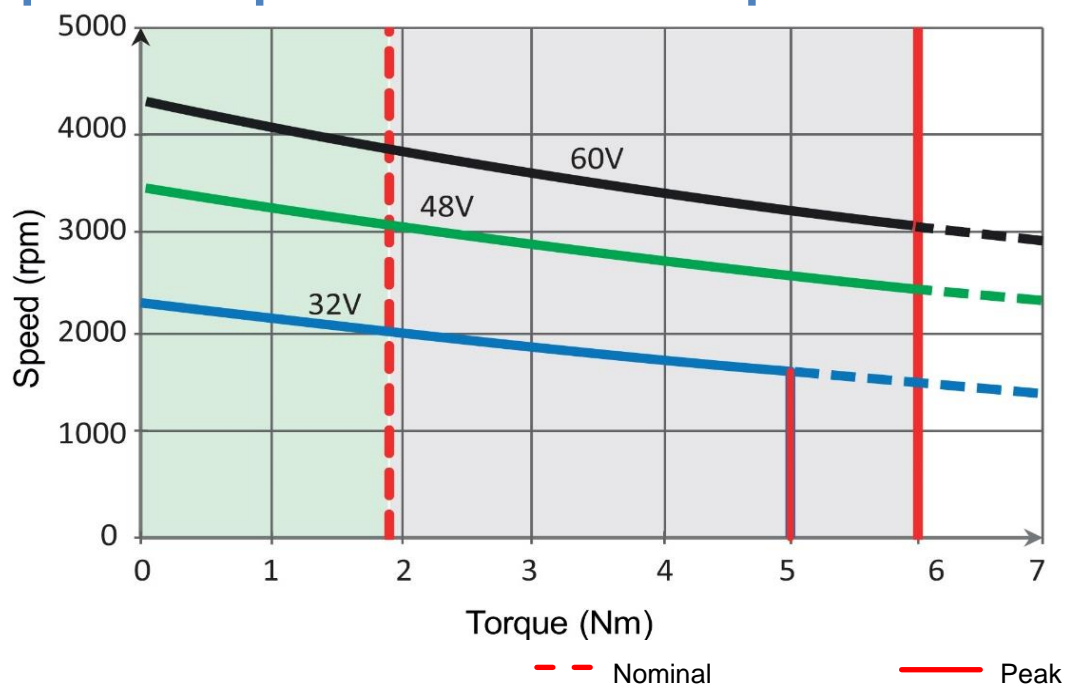
Accessories

Starter kit				
Part number	79 513 105			
Power/logic/CAN 3 m cables - Software - USB to Can Open adapter - CAN terminal resistor - CAN double connector				
Power supply cable	79 298 664	3m length	AWG18	
Input-Output cable	79 513 106	3m length	AWG24	
CAN cable M12	27 358 015	1m length	AWG26	

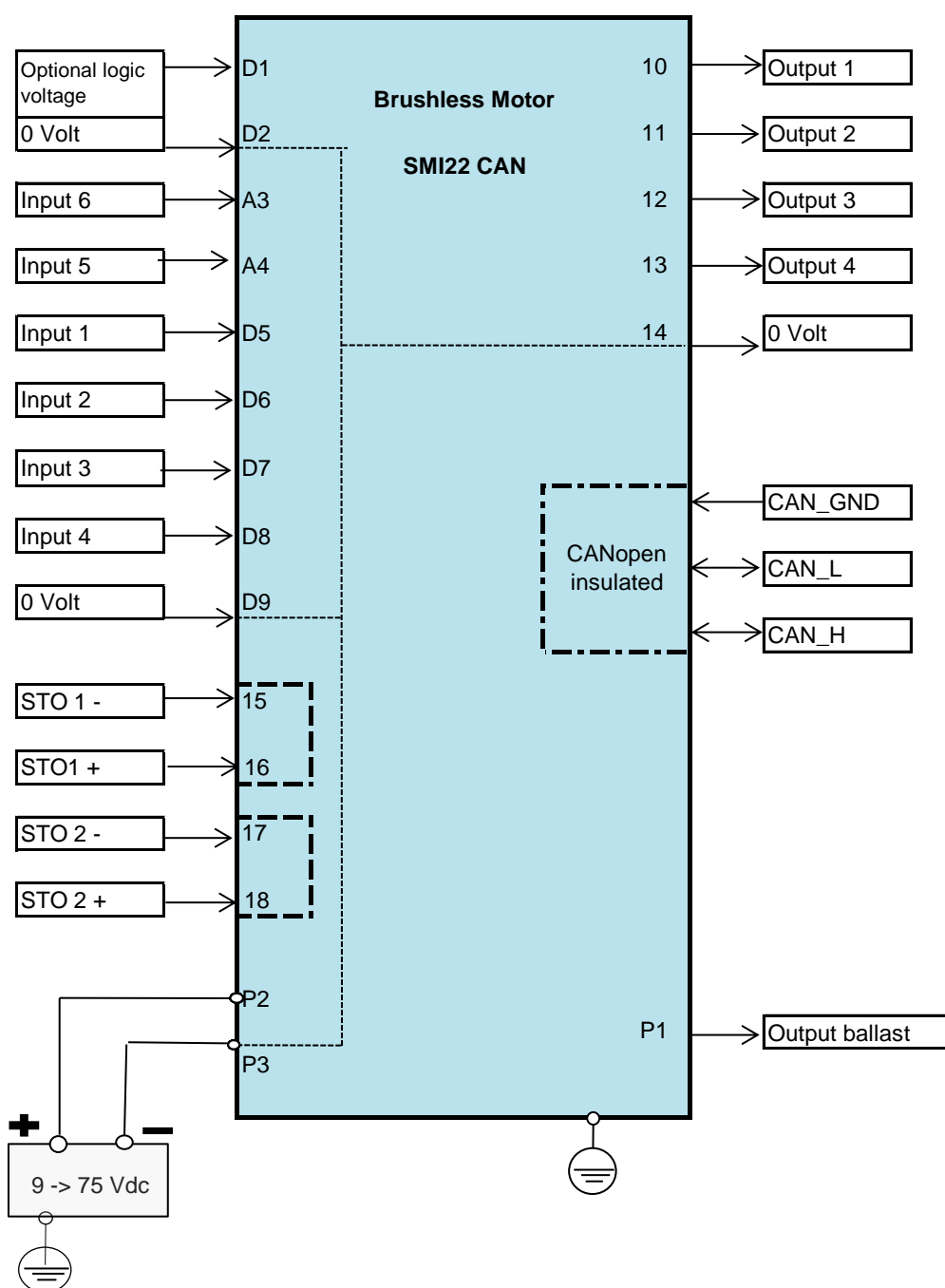
Input datas				
Parameters		Min.	Typical	Max.
Input 1, 2, 3, 4	Impedance	kΩ	-	247
	Low level	Vdc	-90	-
	High level	Vdc	5	-
Input 5, 6	Impedance	kΩ	-	149
	Low level	Vdc	-90	-
	High level	Vdc	7	-
Inputs STO	Low level	Vdc	-2	-
	High level	Vdc	5	-

Output datas				
Parameters		Min.	Typical	Max.
Low level Output 1, 2, 3, 4	mVdc	-	-	10
High level Output 1, 2, 3, 4	Vdc	-	4,75	-
Max output current "I outmax"	mA	-	-	50
I sink	mA	-	-	600

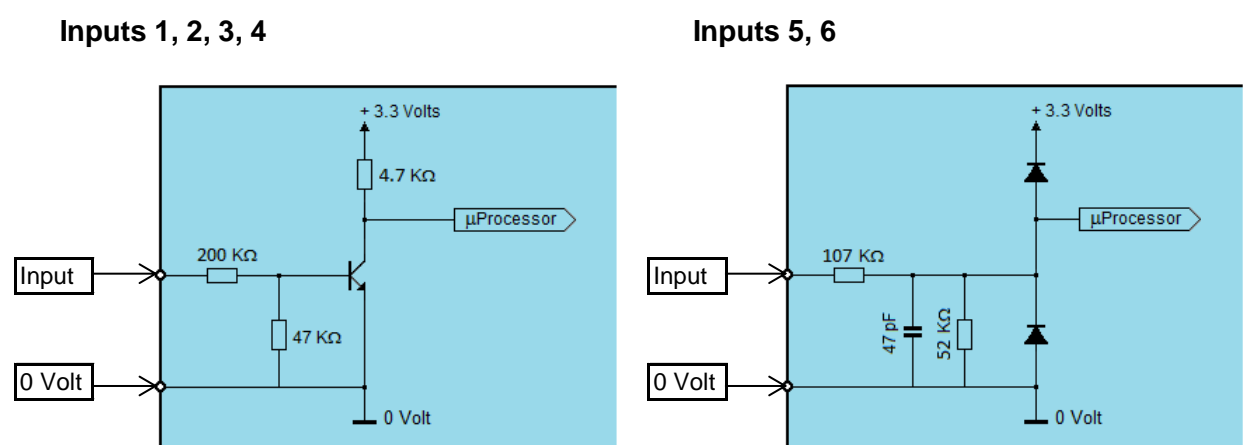
Speed-torque and current-torque curves



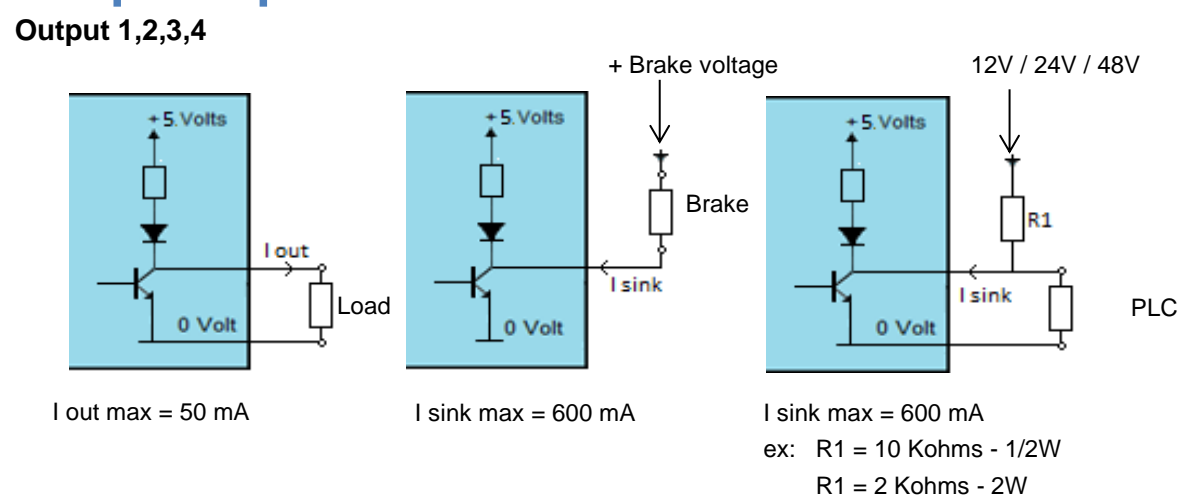
Wiring



Input equivalent circuit



Output equivalent circuit



Regenerative energy created per inertia load creates over-voltage. In case of too high value, connect R2 resistor through ballast output and ground to absorb this energy. Typical R2 value is 2.2 Ω. Power value depends from machine inertia. Max. voltage can be set.

Specifications subject to change without notice. Updated May 27th, 2019