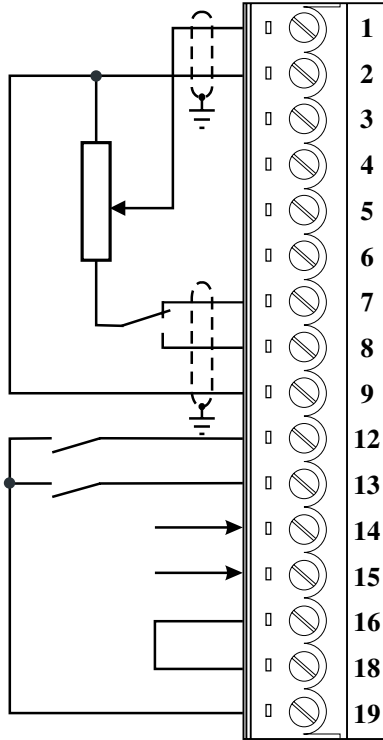
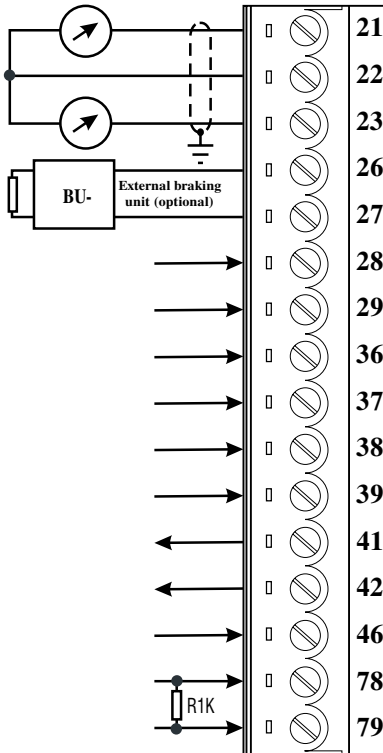


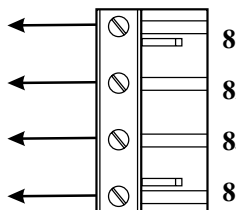
1.3 CONTROL TERMINALS



Strip X1	Function	max
Analog input 1	Programmable/configurable analog differential input. Signal: terminal 1.	±10V 0.25mA (20mA when current loop input)
	Reference point: terminal 2. Default setting: Ramp ref 1	
Analog input 2	Programmable/configurable analog differential input. Signal: terminal 3.	
	Reference point: terminal 4. Default setting: none	
Analog input 3	Programmable/configurable analog differential input. Signal: terminal 5.	
	Reference point: terminal 6. Default setting: none. (1)	
+10V	Reference voltage +10V; Reference point: terminal 9	+10V/10mA
-10V	Reference voltage -10V; Reference point: terminal 9	-10V/10mA
0V	Internal 0V and reference point for ±10V	-
Enable/ Digital input 0	Inverter enable, active=high. Concurrently, it can be used as a programmable input. (Default none)	+30V
Digital input 1	Programmable inputs, Default: Term StrStp src	3.2mA @ 15V
Digital input 2	Programmable inputs, Default=none	5mA @ 24V
Digital input 3		6.4mA @ 30V
COM D I/O	Reference point for digital inputs and outputs, term.12...15, 36...39, 41...42	-
0 V 24	Reference point for +24V OUT supply, terminal 19	-
+24V OUT	+24V supply output. Reference point: terminal 18 or 27 or 28	+22...28V 120mA @ 24V



Analog output 1	Programmable analog output; def.setting: none	±10V/5mA	
0V	Internal 0V and reference point for terminals 21 and 23	-	
Analog output 2	Programmable analog output; default setting: none	±10V/5mA	
BU comm. output	VeCon controlled BU-32 braking units command. Ref. point: term.27.	+28V/15mA	
0 V 24	Reference point for BU-32 command, terminal 26	-	
28	RESERVED	-	
29	RESERVED	-	
36	Digital input 4	Programmable digital inputs; default setting: none	
37	Digital input 5		
38	Digital input 6		
39	Digital input 7		
41	Digital output 2	Programmable digital outputs; default setting: none	
42	Digital output 3		
46	Supply D O	Supply input for digital outputs on terminals 41/42. Ref. point: term.16.	+30V/80mA
78	Motor PTC	Motor PTC sensing for overtemperature (cutoff R1k if used)	1.5mA



Strip X2	Function	Max.
Digital output 0 Relay	Potential- free relay contact, programmable output, Default=Drive OK when closed	250V AC 1 A
Digital output 1 Relay	Potential- free relay contact, programmable output, Default=Speed is zero when closed	250V AC 1 A