

Terminal/plug assignment

	configurable IO functions: normal / inverse	MODBUS Register for IO mode configuration	electrical specification	factory setting:	switch: fan enable / disable	source: set value	signal: fan modulation level %	switch: parameter set: #1 / #2; (neg.); switch: direction of rotation: cw / ccw; switch: set value source
IO1	• Din1 (active high), digital input		not active: pin open or applied voltage < 1.5VDC active: applied voltage 3.5-50VDC, SELV	Din1 (high aktiv)				
IO1	○ Ain1 0-10V/PWM		Ri=100K, characteristic curve parameterizable, f _{PWM} =1k..10KHz, SELV	Ain2 0-10V/PWM				
	○ Tach out (open collector output)		U _{max} =50VDC, I _{max} =20mA, SELV	Aout3 0-10V				
	○ Diagnostics out (open collector output)		U _{max} =50VDC, I _{max} =20mA, SELV					
IO2	○ Din2 (active high), digital input		not active: pin open or applied voltage < 1.5VDC active: applied voltage 3.5-50VDC, SELV					
	• Ain2 0-10V/PWM: analog input		Ri=100K, characteristic curve parameterizable, f _{PWM} =1k..10KHz, SELV					
	○ Ain2 4-20mA: analog input		Ri=125R, characteristic curve parameterizable, SELV					
IO3	○ Din3 (active high), digital input		not active: pin open or applied voltage < 1.5VDC active: applied voltage 3.5-50VDC, SELV					
	○ Din3 (active low), digital input		not active: pin open or applied voltage < 1.5VDC active: applied voltage 3.5-50VDC, SELV					
	○ PWMIn3: digital input		not active: pin open or applied voltage < 1.5VDC active: applied voltage < 1.5VDC, SELV 40Hz - 10KHz, characteristics parameterizable					
RSA RSB	• Aout3 0-10V: analog output		not active: pin open or applied voltage < 1.5VDC active: applied voltage < 1.5VDC, SELV					
	○ Tacho out (pulses), analog output		function parameterizable, max. 5mA, max output frequency 300Hz, SELV					
	○ Diagnostics out (pulses)		0-10V max. 5mA, max output frequency 300Hz, SELV 0-10V max. 5mA, max output frequency 300Hz, SELV					
Vout	voltage output alternatively: input auxiliary power supply for parameterization via RS485/MODBUS RTU without line		MODBUS RTU, specification V6.0, SELV voltage parameterizable 3.3...24VDC +/- 5.5%, P _{max} =800mW, short-circuit-proof, supply for external devices, SELV 15...50VDC					

