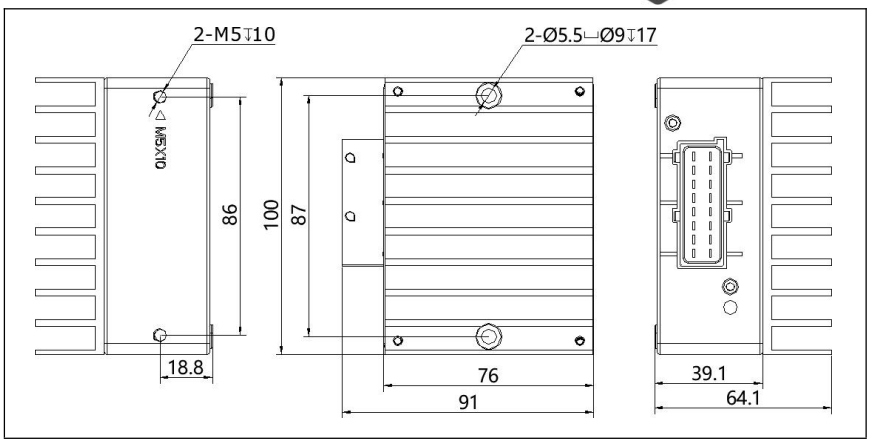
SPC-SDIO-MD2

IO Module
1× CAN
Support CANopen
Working voltage
8...32 V DC



Technical parameters	Description
Housing	Aluminium housing
Dimension(L×W×H)	100×91×64.1 mm
Installation	2 pc M5×30 (side) or 2 pc M5×10 (Bottom) Screw mounting
Connectors	16-Pin Tyco
Weight	0.37 kg
Working temperature	-40...85 ℃
Protection class	IP67
Total No. of I/Os	9 channels (2 inputs / 7 outputs)
Input	Up to 2 inputs can be configured

Possible configurations *All input ports support mis-connected power, ground			
Qty	Signal	Remark	
2	Digital	High effective input, threshold configurable	DI^{H}

Output	Up to 8 outputs can be configured

Possible configurations *All digital output ports with short-circuit feedback, short-circuit and overheat protection			
Qty	Signal	Remark	
1	PWMi_H	PWM High-side output with current feedback	$PWMi^{H}$
3	H bridge	H bridge	H^{Bri}

	Technical Parameters
Working voltage UEE	8...32 V DC
Undervoltage detection Undervoltage turn off Overvoltage turn off	UBB ≤ 9V, when t ≤ 350ms UBB ≤ 7V, when t ≤350ms UBB ≥ 32V, when t ≤500ms
Current consumption	≤ 75mA (No external load at 24V)
CAN interface Baud rate Communication protocol	CAN 2.0 A/B 20 kbits/s...1 Mbits/s (default 125 kbits/s) Default ID: 0x7B
Processor	32-bit high performance MCU