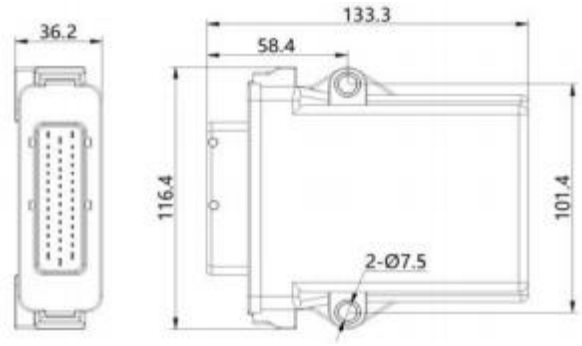
SPC-SDIO-0824

IO Module
1 CAN
Working Voltage
8...32 V DC



Technical Parameter	Description
Housing	PBT plastic housing
Dimension (L× W× H)	133.3×116.4×36.2 mm
Installation	2 pcs M5×20mm screws
Connector	42-Pin Tyco
Weight	0.23 kg
Working temperature	-40...85 ℃
Protection class	IP67
Total number of I/O channels	32 channels (32 Input/24 Output)
Input	32 (include multiplexing channel)

Qty	Signal	Remark	
7 or	Analogue Digital	0...5V High level effective	AI^U DI^H
22	Digital	High level effective	DI^H
3 or	Frequency Digital	20Hz... 11kHz High level effective	PI DI^H

Possible configurations

*All input ports have protection against wrong connection to power supply and grounding protection

Output

24 channels (include multiplexing channel)

Qty	Signal	Remark	
16	Digital	High Side output	DOH
8 or	Digital PWM_H	High Side output High Side PWM Duty cycle 0... 100%adjustable	DOH PWMH

*All digital output ports have short circuit feedback, short circuit and overheat protection

Output multiplexing input

Reference voltage output	1 channel, 0.6...5V, Max. 250mA
Working voltage UEE	8...32 V DC
Undervoltage monitoring Undervoltage cut-off	When UBB ≤ 9 V When UBB ≤ 7 V
Power consumption	≤ 70mA (No external load at 24 V)
CAN interface Baud rate Communication protocol	CAN 2.0 A/B 20 kbits/s... 1 Mbits/s (default 125 kbits/s) CAN user defined, default ID： 0x20
Processor	Infineon 32-bit advanced MCU
Electromagnetic Compatibility (EMC)	GB/T 17626.4-2008/IEC61000-4-4: 2004 /Test level: 4 GB/T 17626.5-2008/IEC61000-4-5: 2005 /Test level: 4 GB/T 17626.2-2006/IEC61000-4-2: 2001 /Test level: 4