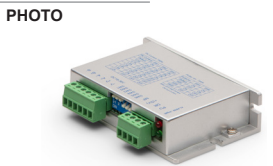
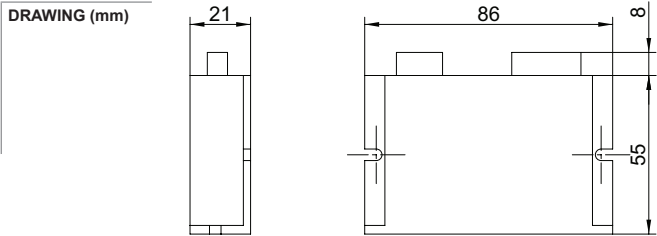


DSH-160 | STEPPING MOTOR DRIVER



MODEL NO. DESIGNATION

DSH - NOMINAL CURRENT

Example: DSH-160



STEPPING MOTOR DRIVER DATA		
Model		DSH-160
Nominal current	A	1.6
Max. current	A	2.2
Weight	kg	0.10
IP rating		IP20
Operating temperature	°C	0 to 50

SWITCH	DESCRIPTION	ON SETTING	OFF SETTING
SW4	Full and half current	Full current always	Half current when pulse time ≥ 200 ms

PIN NAME	DEFINITION	FUNCTION
PU	Pulse signal ¹	High driver input clock pulses +5 V Low driver input clock pulses 0 V (GND)
DR	Motor direction signal	CW rotational direction +5 V CCW rotational direction 0 V (GND)
+5V	Control signal positive power	
MF	Motor enable signal	Enable rotation +5 V Disable rotation 0 V (GND)
A- A+ B- B+	Motor phases connection	
V+ V-	Power supply	18 - 36 VDC GND

CURRENT LIMIT SWITCH SETTINGS									
Nominal current	A	0.2	0.4	0.5	0.7	0.9	1.1	1.4	1.6
Max. current	A	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.2
SW1	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
SW2	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
SW3	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF

MICRO-STEP SWITCH SETTINGS				
Micro-step/step	1	8	16	32
PUL/REV	200	1.6K	3.2K	6.4K
SW5	ON	OFF	ON	OFF
SW6	ON	ON	OFF	OFF

ALARM/PWR LED INDICATORS		NOTES
Green LED on	Power on	1. Maximum pulse frequency 200 kHz.
Green LED flashes	Fault detection	

