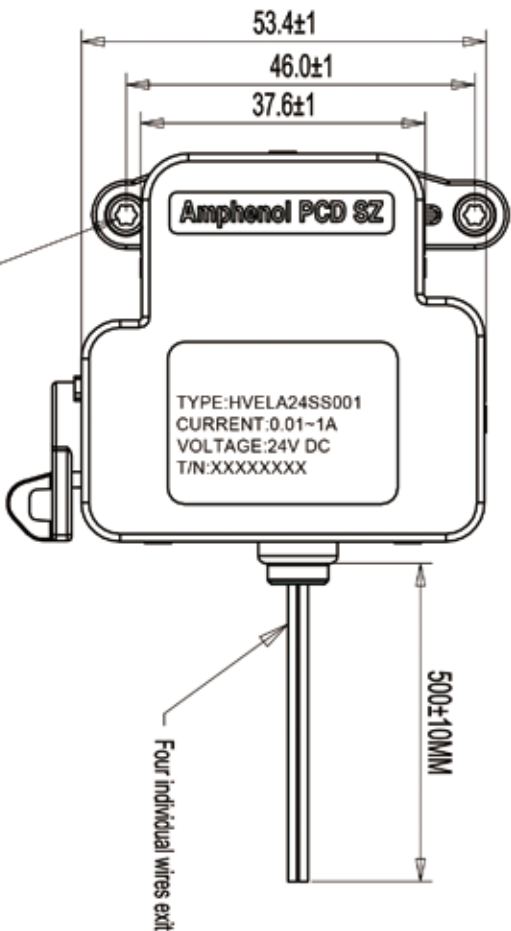
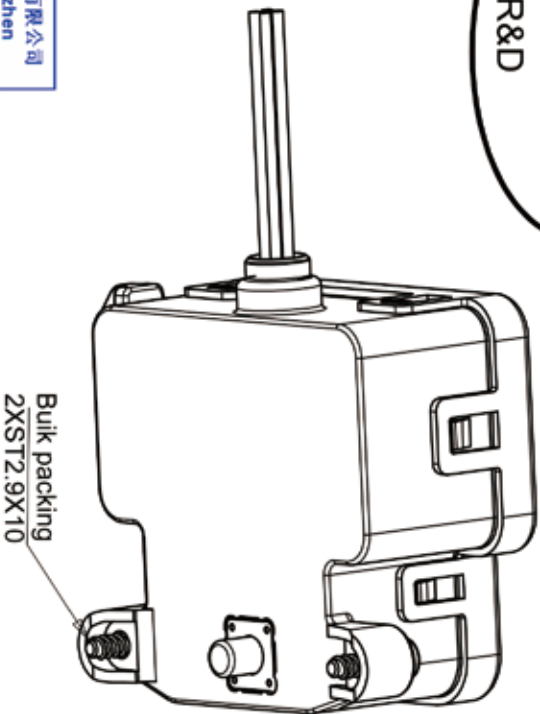
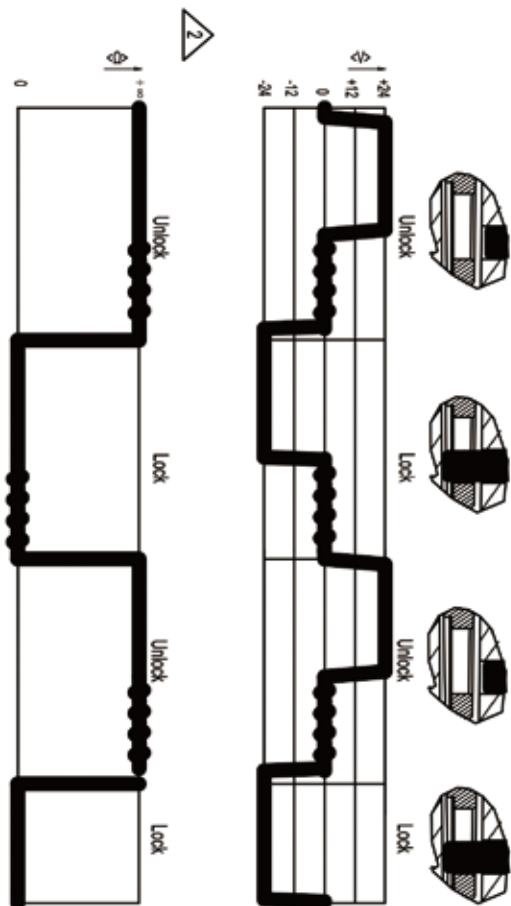


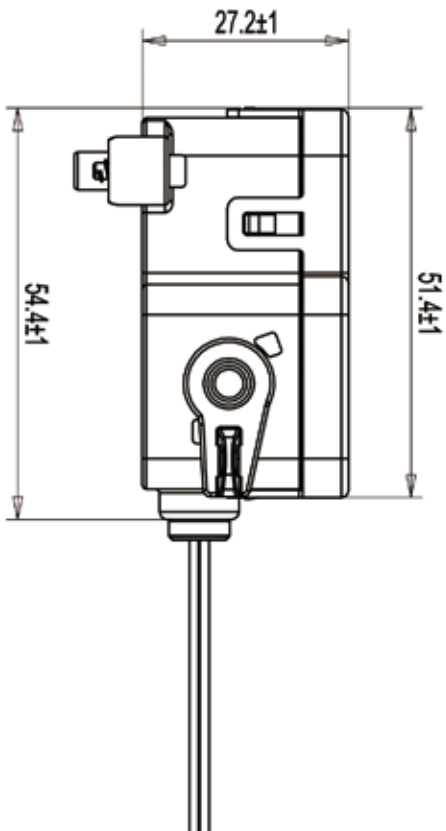
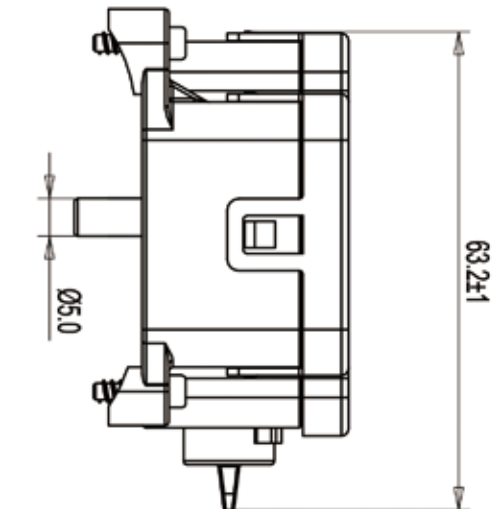
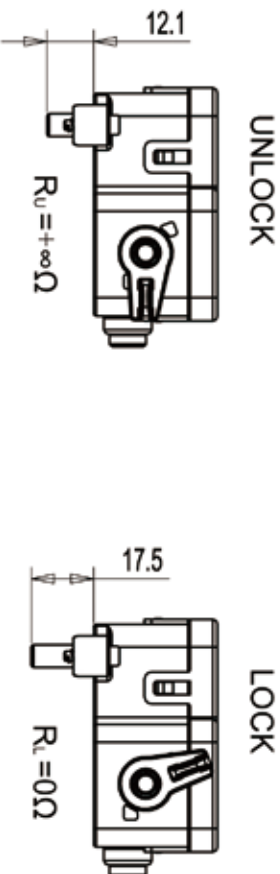


Recommended Mounting Torque:0.5N.m
2XST2.9X10



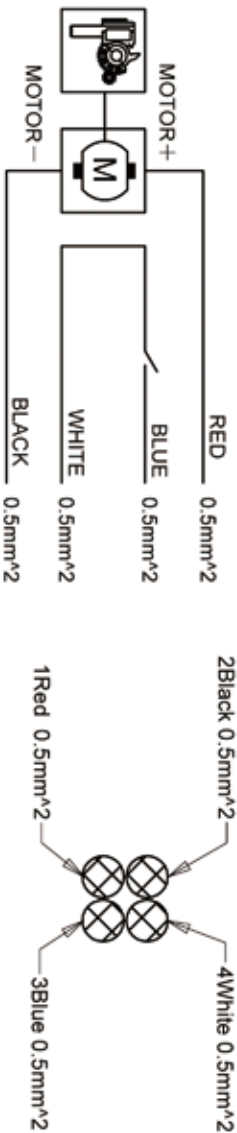
Suggested Work time: >6000ms
Max time:N/A
Min time:3000ms

Suggested adjustment time:600ms
Max time:800ms
Min time:450ms



Emergency unlocking of the 24V locking actuator

Schematic diagram



Contact switch is normally open
Unlock: $+\infty\Omega$
Lock: 0Ω

- Voltage supply at motor: 24V
- Possible Voltage supply at motor: 24V~26V
- Typical motor current for locking: 50mA
- Maximal motor current for locking: 1000mA
- Maximal voltage for locking detection: 30V
- Maximal dwell period with blocking current: 800ms
- Suggested work time: 600ms

- Durability (in load cycles) : >10000
- Ambient temperature (in operation) : $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- Ambient temperature (storage) : $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- Length of the actuator cables: Optional
- IP-Class : IP67(installed on vehicle inlet or socket-outlet)
- RoHS Compliance

TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	POWER+	POWER-	SIGNAL($R_u=+\infty\Omega$)	
LOCKING	POWER-	POWER+	SIGNAL($R_L=0\Omega$)	

DIMENSIONS
ANSI Y14.5M
UNITS: MM
CAD FILE

TOLERANCES
.X
.XX
ANGLES $\pm 2^{\circ}$



Amphenol Pcd Shenzhen

2023.10.08

SAE;DC24V;ELock

C-HVELA24SS001

C-HVELA24SS001

C-HVELA24SS001

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2023.10.08	
2	R09084N	1.The IP65 is upgraded to the IP67 2.Correct typo of logic diagram	2025.04.02	

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				ENGR		A3	C-HVELA24SS001	2
						SCALE	1:1	SHEET 1 OF 1