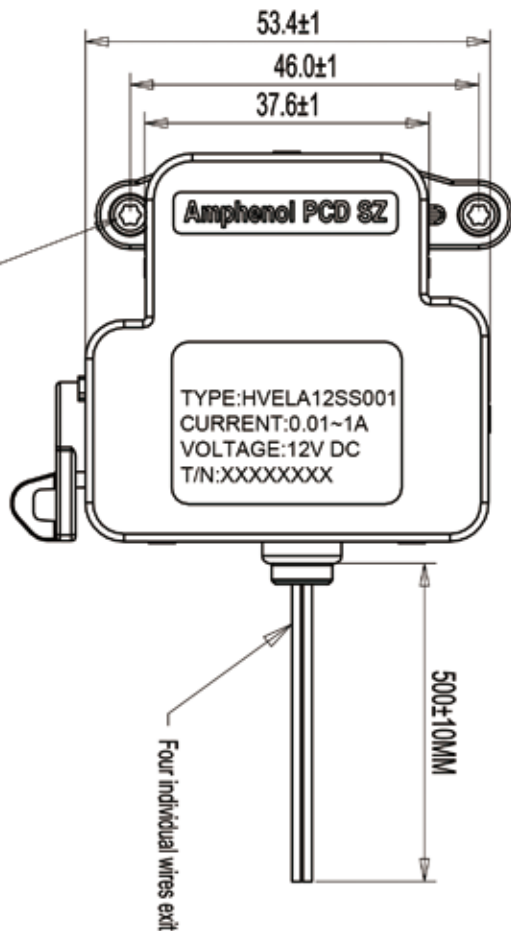
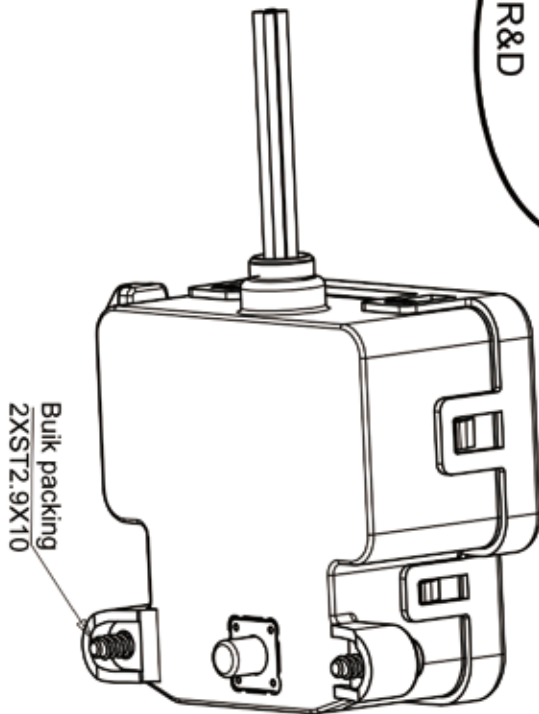
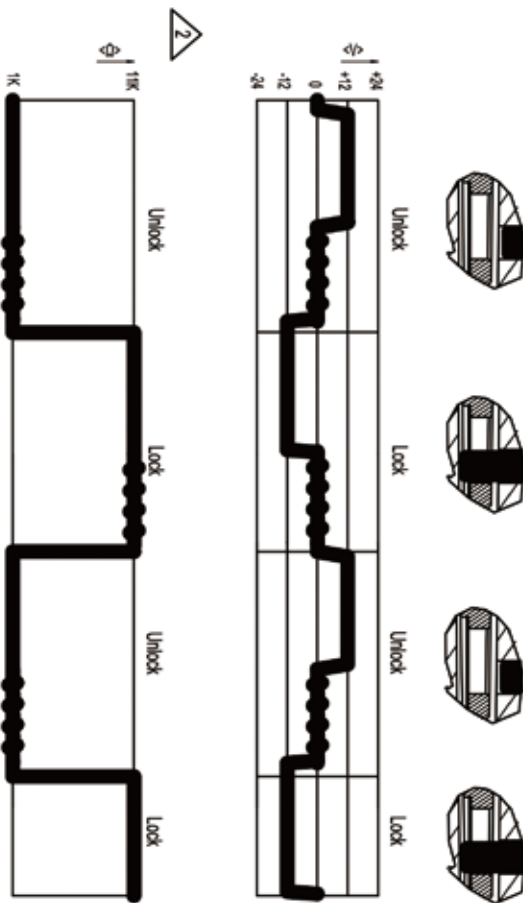
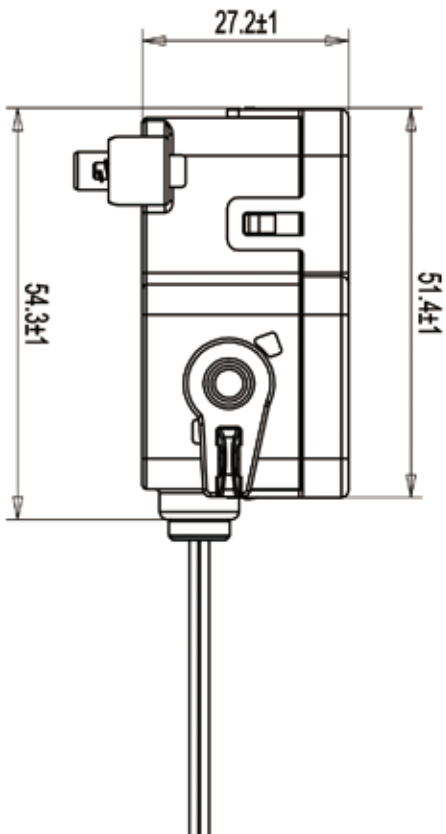
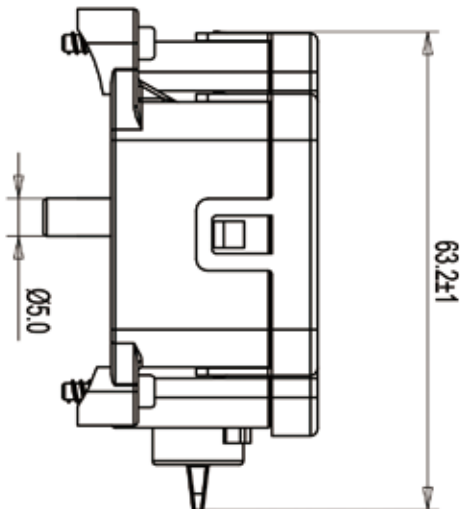


Amphenol PCD SZ
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PDF Format
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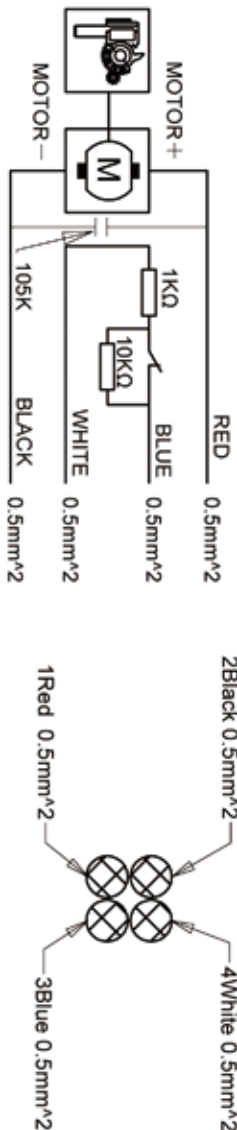
Recommended Mounting Torque:0.5N.m
2XST2.9X10



Suggested Work time: >3000ms
Max time:N/A
Min time:400ms

Suggested adjustment time:600ms
Max time:1000ms
Min time:450ms

Emergency unlocking of the 12V locking actuator
Schematic diagram



Contact switch is normally closed
Unlock: 1KΩ
Lock: 11KΩ

- 1.Voltage supply at motor: 12V
- 2.Possible Voltage supply at motor: 9V~12V
- 3.Typical motor current for locking: 200mA
- 4.Maximal motor current for locking: 1000mA
- 5.Maximal voltage for locking detection: 20V
- 6.Maximal dwell period with blocking current: 1000ms
- 7.Suggested adjustment time: 600ms
- 8.Durability (in load cycles) : >40000
- 9.Ambient temperature (in operation) : -40°C~+85°C
- 10.Ambient temperature (storage) : -40°C~+85°C
- 11.Length of the actuator cables: 500mm
- 12.IP-Class : IP67(installed on vehicle inlet or socket-outlet)
- 13.RoHS Compliance

TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	POWER+	POWER-	SIGNAL(R _U =1KΩ)	
LOCKING	POWER-	POWER+	SIGNAL(R _L =11KΩ)	

DIMENSIONS
ANSI Y14.5M
UNITS: MM
CAD FILE

TOLERANCES
.X ±0.5
.XX ±0.05
ANGLES ±2°



Amphenol Pcd Shenzhen

CHKD
ENGR
2022.12.08

SAE:DC12V;ELLOCK

SIZE DWG NO.
A3 C-HVELA12SS001

REV
2

ORIGINAL

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SIZE
A3

SCALE
1:1

SHEET
1 OF 1