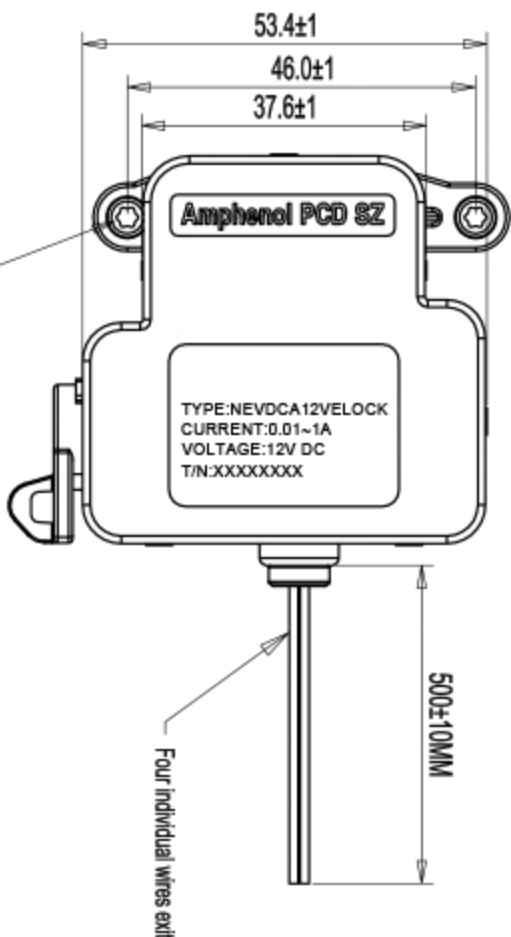
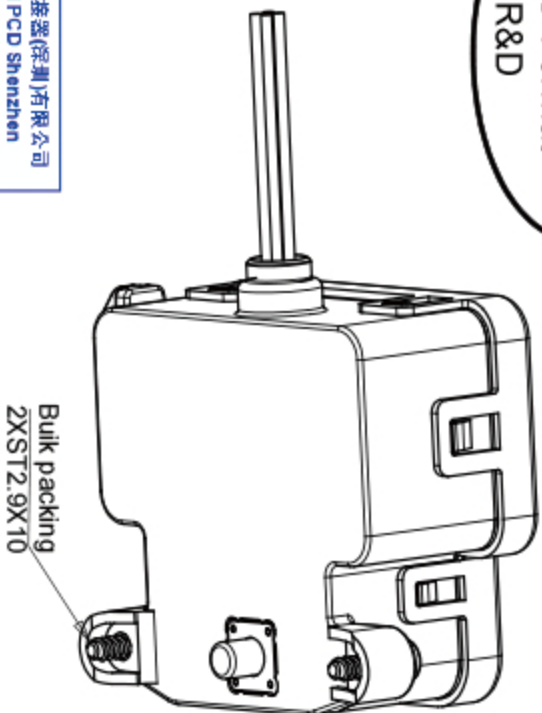
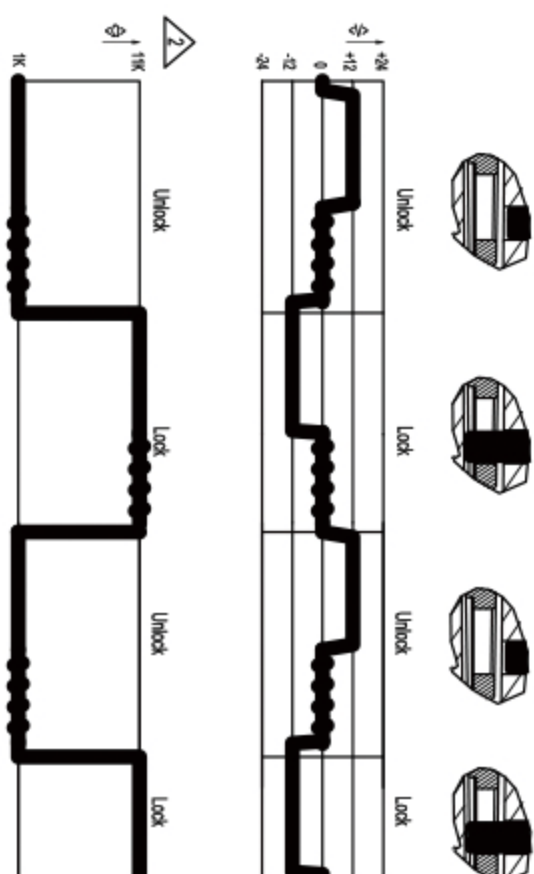
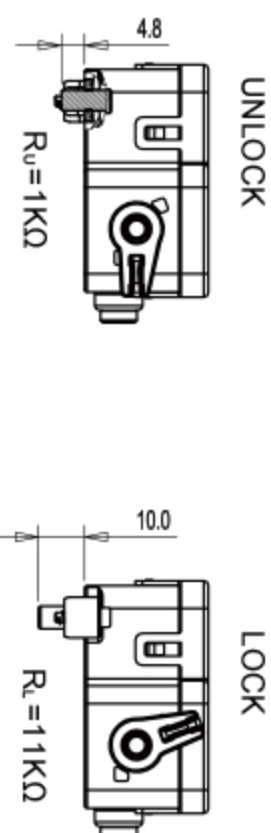
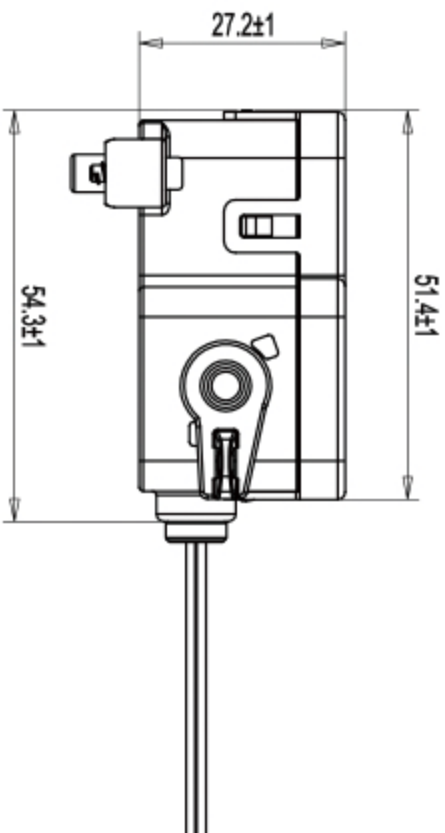
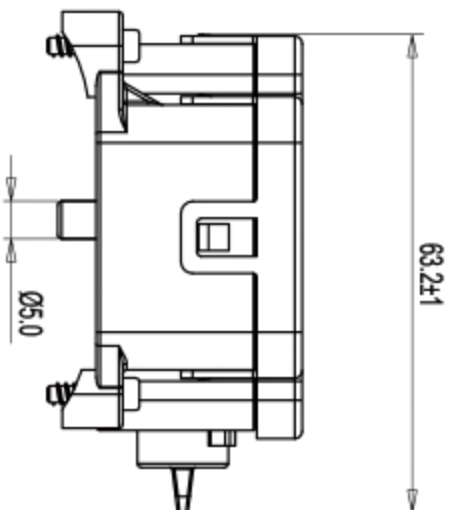




安费诺精密连接器(深圳)有限公司 Amphenol PCD Shenzhen
受 控 文 件
2025年6月2日



Emergency unlocking of the 12V locking actuator



- Contact switch is normally closed
- Unlock: 1K Ω
- Lock: 11K Ω
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 =1K Ω)	
LOCKING	POWER-	POWER+	SIGNAL(R _L =11K Ω)	

DIMENSIONS
ANSI Y14.5M
UNITS: MM
CAD FILE

TOLERANCES
.X ± 0.5
.XX ± 0.05
ANGLES $\pm 2^\circ$



Amphenol Pcd Shenzhen

2022.12.08

DC_12V ELOCK

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CHKD
ENGR
APPD

SIZE
A3
C-NEVDCA12VELOCKL0500
SCALE
1:1
SHEET
1 OF 1

C-NEVDCA12VELOCKL0500

C-NEVDCA12VELOCKL0500

C-NEVDCA12VELOCKL0500

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2022.12.08	
2	R09084N	1.The IP65 is upgraded to the IP67 2.Correct typo of logic diagram	2025.04.02	