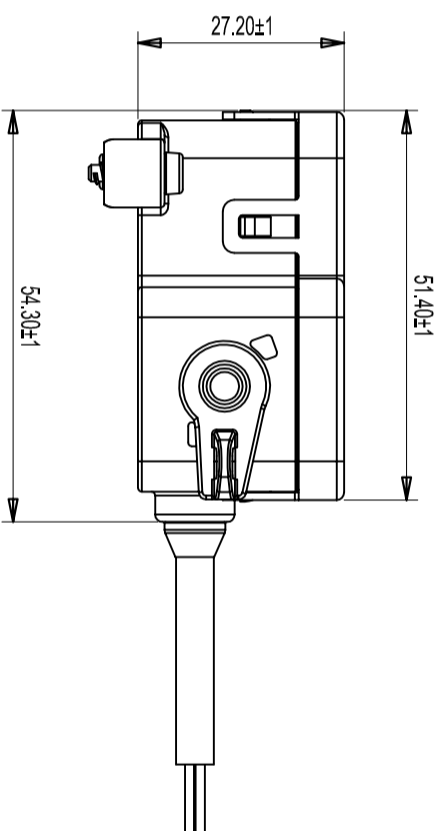
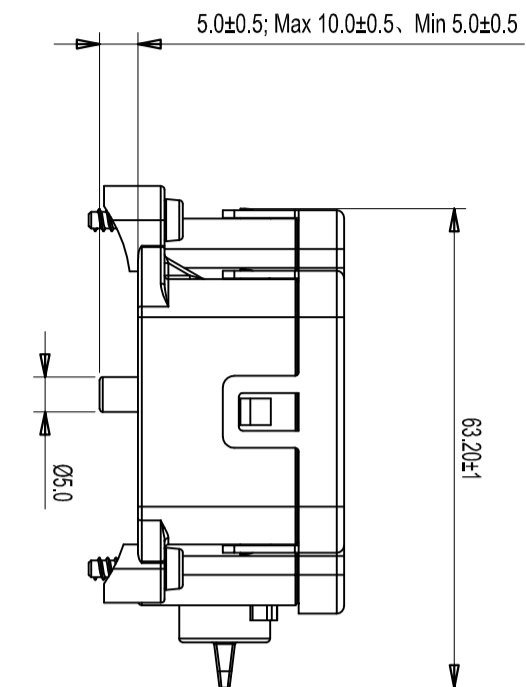
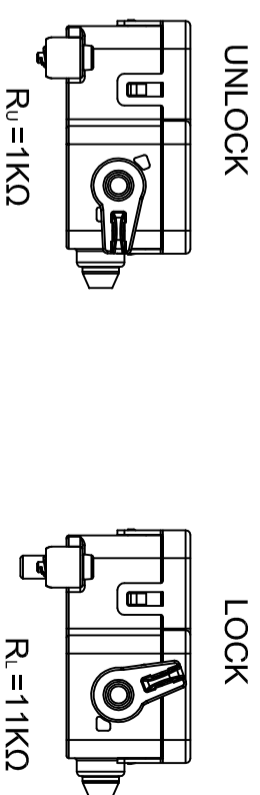
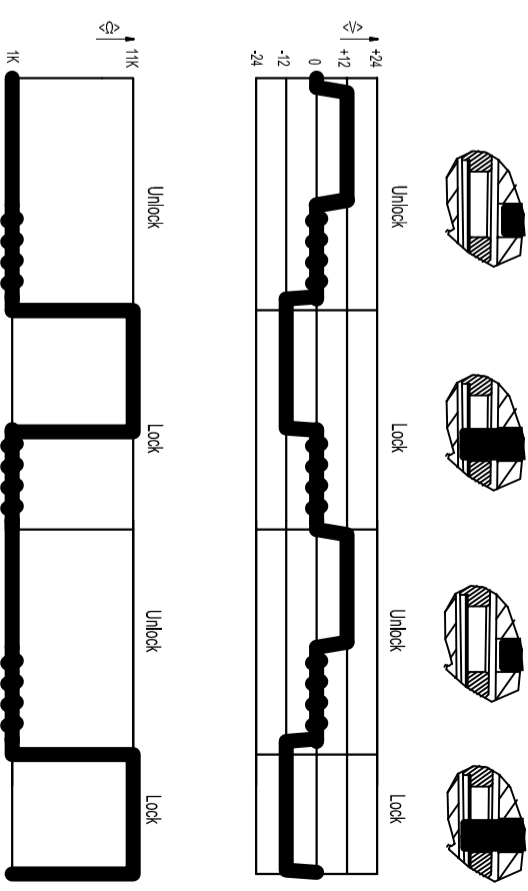


Recommended Mounting Torque:0.5N.m  
2XST2.9X10

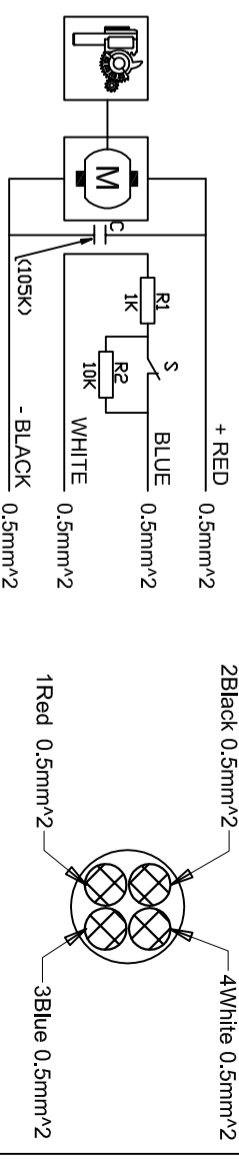


REV	ECN	DESCRIPTION	DATE	MODIFIED
3	R0383N	ADD CAPACITANCE	2019.04.15	Michael.Z
A	C3396N	ADD E13 LOGO	2019.06.15	Michael.Z
B	R4721N	ADD SCREW VIEW AND UPDATE LETTER ERROR	2020.09.05	LIUK.P



Emergency unlocking of the 12V locking actuator

Schematic diagram



TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	+	-	SIGNAL(R <sub>u</sub> =1KΩ)	
LOCKING	-	+	SIGNAL(R <sub>L</sub> =11KΩ)	

- Contact switch is normally closed  
Unlock: 1KΩ  
Lock: 11KΩ
- Voltage supply at motor: 12V
  - Possible Voltage supply at motor: 9V~12V
  - Typical motor current for locking: 200mA
  - Maximal motor current for locking: 1000mA
  - Maximal voltage for locking detection: 20V
  - Maximal dwell period with blocking current: 1000ms
  - Suggested adjustment time: 600ms
  - Durability (in load cycles) : >40000
  - Ambient temperature (in operation) : -30°C~+50°C
  - Ambient temperature (storage) : -40°C~+85°C
  - Length of the actuator cables: 500mm
  - Minimum bending radius: 30mm
  - Specification of the actuator cables: 4 X 0.5mm<sup>2</sup>
  - IP-Class : IP65
  - RoHS Compliance

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M UNITS: MM CAD FILE	X XX ANGLES ±0.5 ±0.05 ±2°	

Amphenol Pcd Shenzhen

CHKD: *Radechen*  
ENGR: Michael.Z  
2018.12.06

TITLE  
**DC\_12V ELOCK**

SIZE: A3 DWG NO.: C-NEVDC12VELOCKL0500 REV: B

SCALE: 1:1 SHEET: 1 OF 1