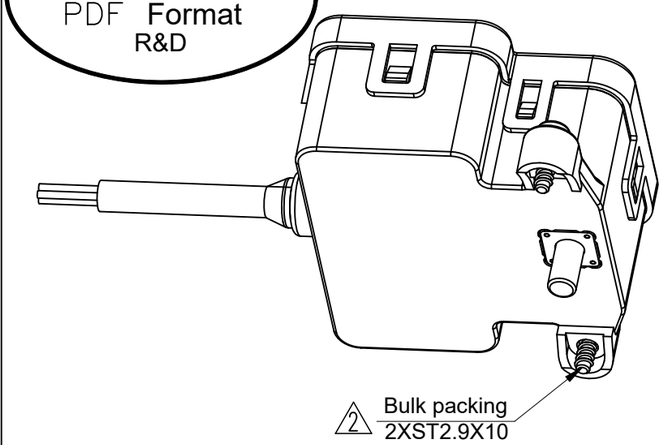
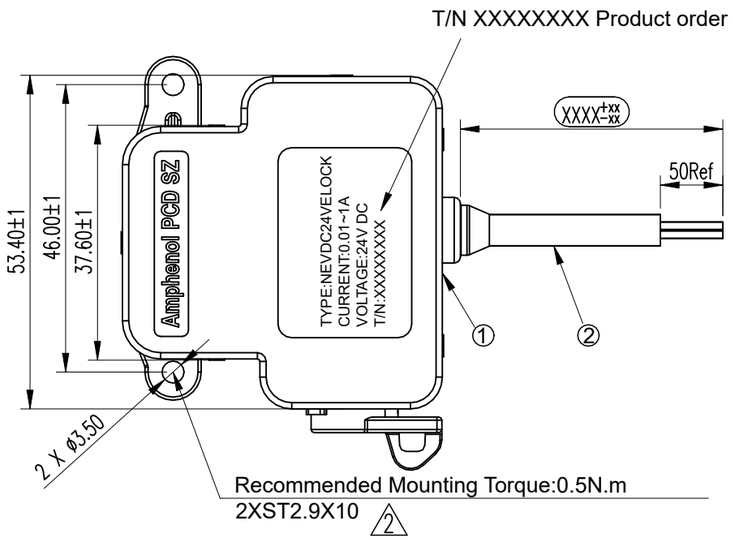
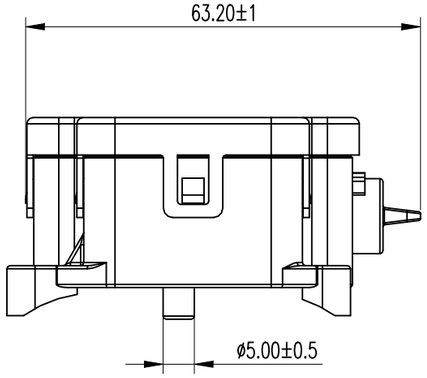
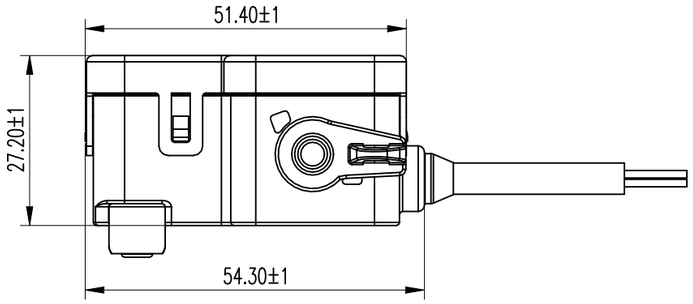
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		FIRST RELEASE	2019.06.10	
2	R4885W	ADD SCREW VIEW,UPDATE VOLTAGE	2020.11.03	
3	R5583W	UPDATED NOTES	2021.12.23	
4	C09085	UPDATED NOTES	May-15-2025	

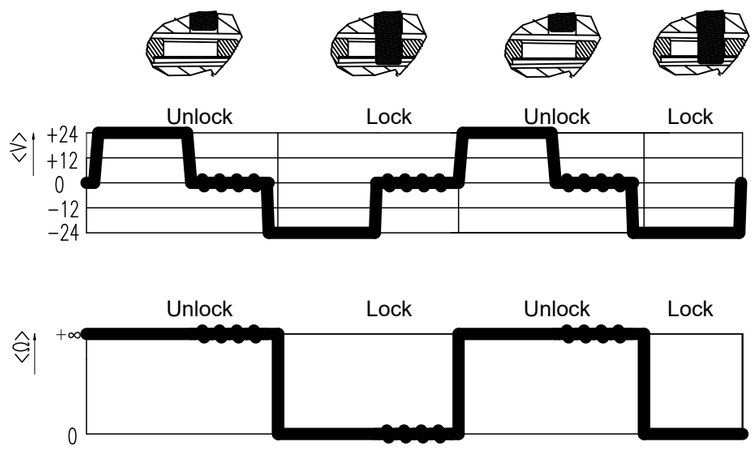


△2 Bulk packing
2XST2.9X10





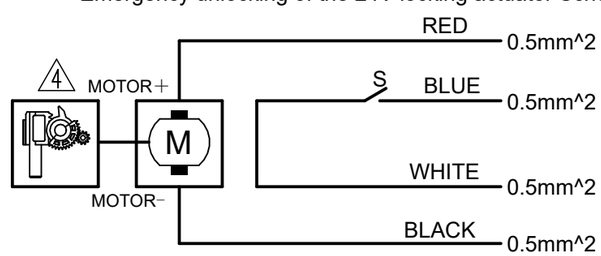


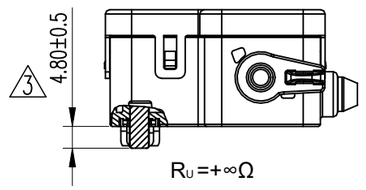


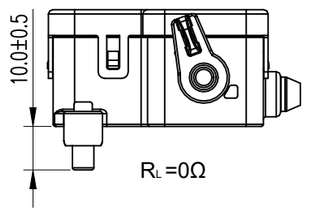
TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	POWER＋	POWER－	SIGNAL(R_U=+∞Ω)	
LOCKING	POWER－	POWER＋	SIGNAL(R_L=0Ω)	

△4

Emergency unlocking of the 24V locking actuator Schematic diagram







Contact switch is normally open
Unlock：+∞KΩ
Lock：0 KΩ
1.Voltage supply at motor：24V
2.Possible Voltage supply at motor：24V to 26V △2
3.Typical motor current for locking：50mA
4.Maximal motor current for locking：1000mA
5.Maximal voltage for locking detection: 30V △2
6.Maximal dwell period with blocking current：800ms
7.Suggested adjustment time：600ms
◎ 8.Durability（in load cycles）：>10000 △2
9.Ambient temperature（in operation）：-40°C to +85°C △3
10.Ambient temperature（storage）：-40°C to +85°C
✦ 11.IP-Class : IP65
12.NEVDC24VELOCKLXXXX

LENGTH	TOLERANCE
0~1000MM	+25 -10
1001~5000MM	+40 -10
>5000MM	+50 -20

ITEM	NAME	DESCRIPTION	QTY	UNIT
②	CABLE	4*0.5MM² UNSHIELDING BLACK OD=5.0±0.2MM	AR	M
①	ELECTRONIC LOCK	NEVDC24VELOCKL0000	1	EA

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ±0.5	
UNITS: MM	.XX ±0.3	
CAD FILE	ANGLES ±2°	

ORIGINAL

Amphenol Pcd Shenzhen

ENGR 2019.06.10
CHKD
APPD

TITLE
DC_24V ELCOK CABLE ASSEMBLY

SIZE	DWG NO.	REV
A3	C-NEVDC24VELOCKLXXXX	4

CODE: | SCALE NA | SHEET 1 OF 1

C-NEVDC24VELOCKLXXXX
C-NEVDC24VELOCKLXXXX