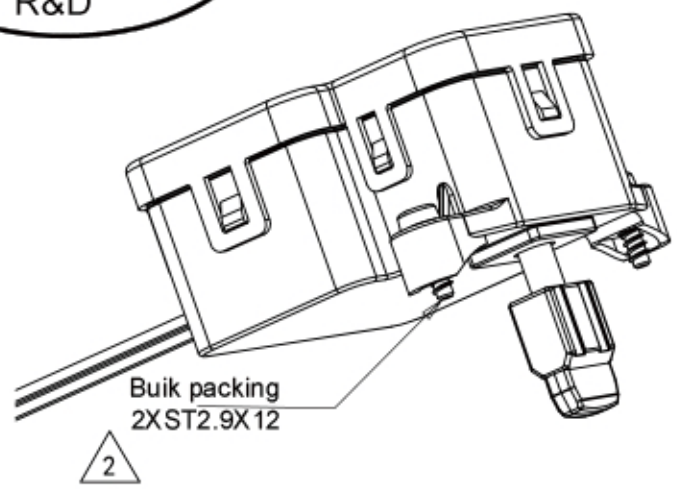
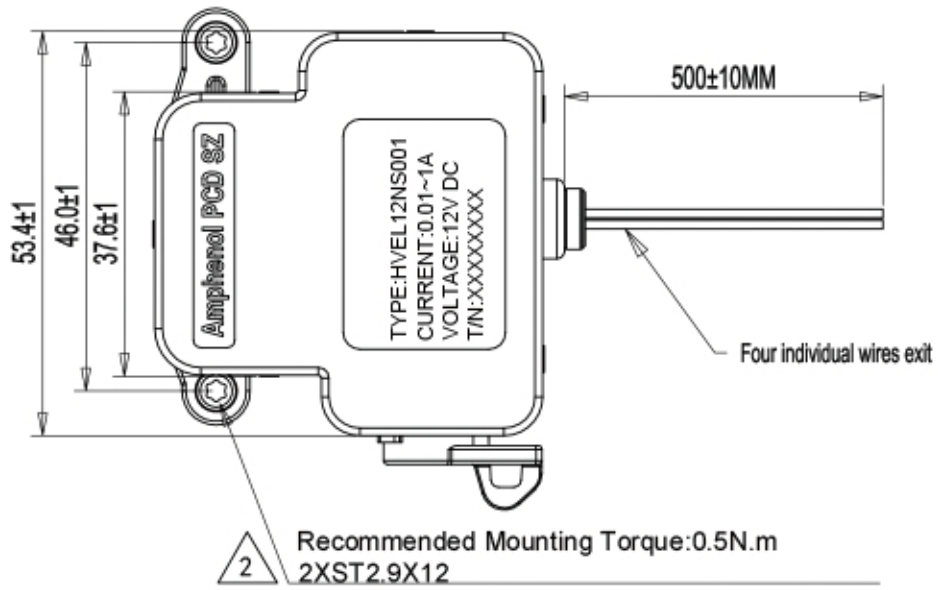
C-HVEL12NS001

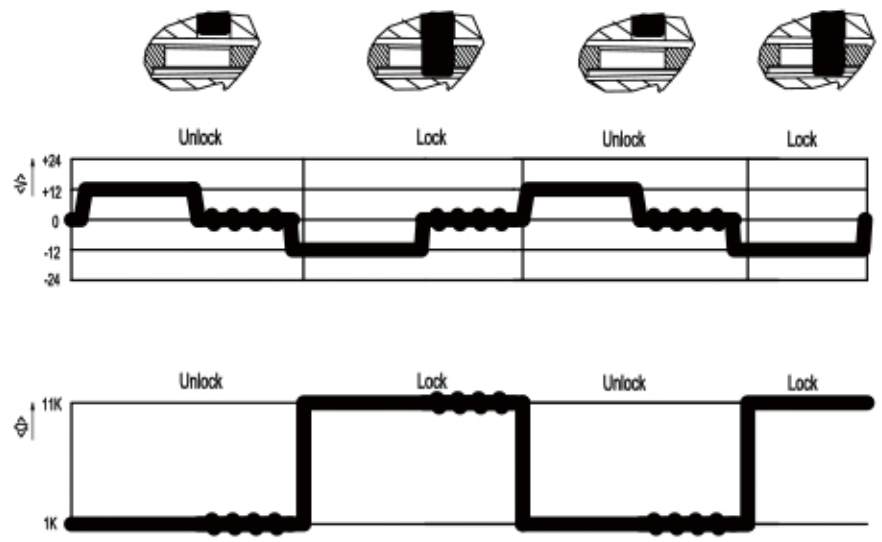
安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen
受 控 文 件
2024年4月26日

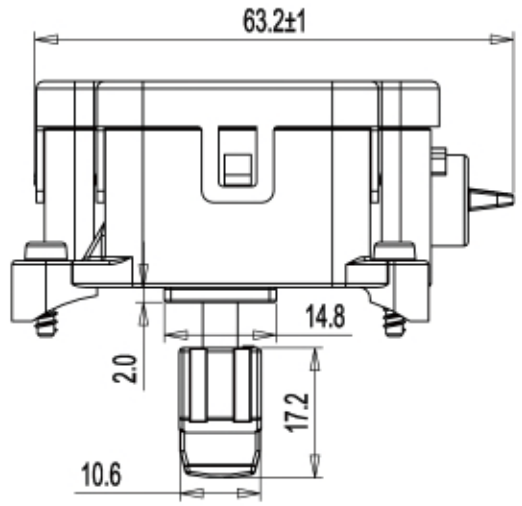
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

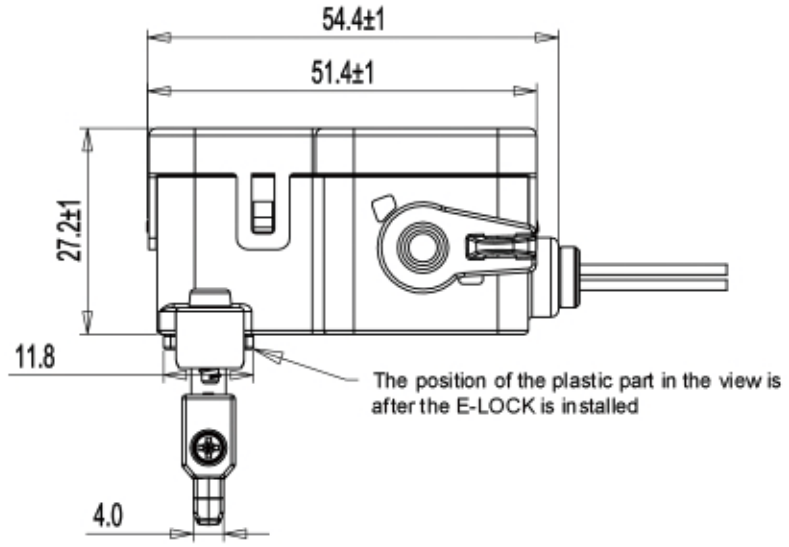
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2023.10.18	
2	R7811N	CHANGE SCREW SPECIFICATION	2024.04.07	



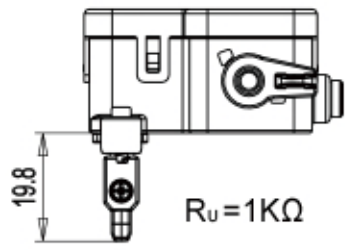




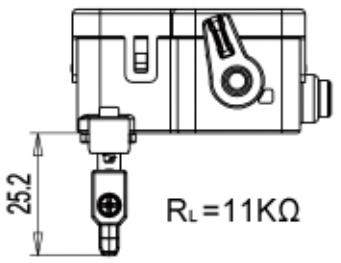




UNLOCK



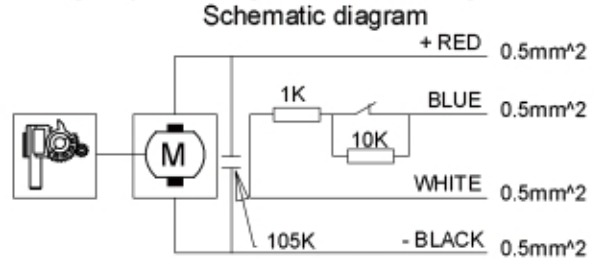
LOCK

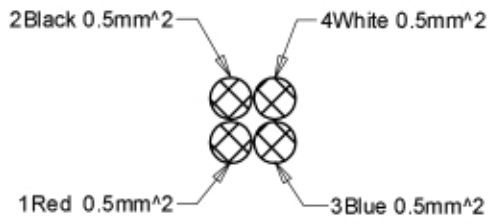


Contact switch is normally closed
Unlock：1KΩ
Lock：11KΩ
1.Voltage supply at motor：12V
2.Possible Voltage supply at motor：9V~12V
3.Typical motor current for locking：200mA
4.Maximal motor current for locking：1000mA
5.Maximal voltage for locking detection: 20V
6.Maximal dwell period with blocking current：1000ms
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.Minimum bending radius：30mm
13.Specification of the actuator cables：4 X 0.5mm^2
14.IP-Class : IP65(matching vehicle inlet)
15.RoHS Compliance

TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	+	−	SIGNAL(R_U=1KΩ)	
LOCKING	−	+	SIGNAL(R_L=11KΩ)	

Emergency unlocking of the 12V locking actuator
Schematic diagram





DIMENSIONS	TOLERANCES	PROJECTION		TITLE
ANSI Y14.5M UNITS: MM CAD FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°		Amphenol Pcd Shenzhen ENGR 2023.10.18	NACS;DC12V;ELOCK
ORIGINAL			CHKD APPD	SIZE A3 / DWG NO. C-HVEL12NS001 / REV 2 SCALE 1:1 / SHEET 1 OF 1

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