

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

CONFIDENTIAL

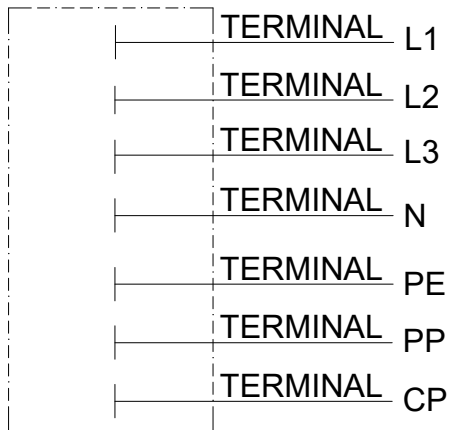
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Dec-16-2024	Dino
2	R09234W	CHANGED MARKING	May-28-2025	Dino

安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

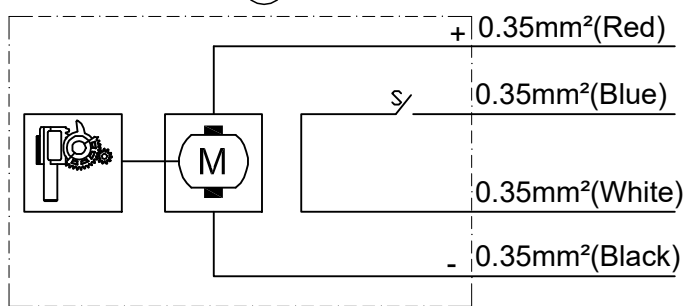
受 控 文 件

2025年6月11日

CABLE CONNECT METHOD

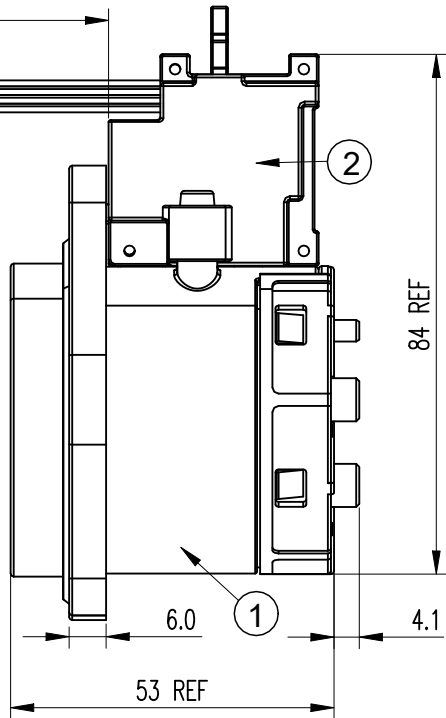


DC12V E-LOCK ②

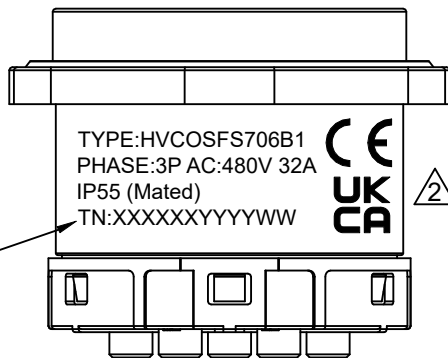
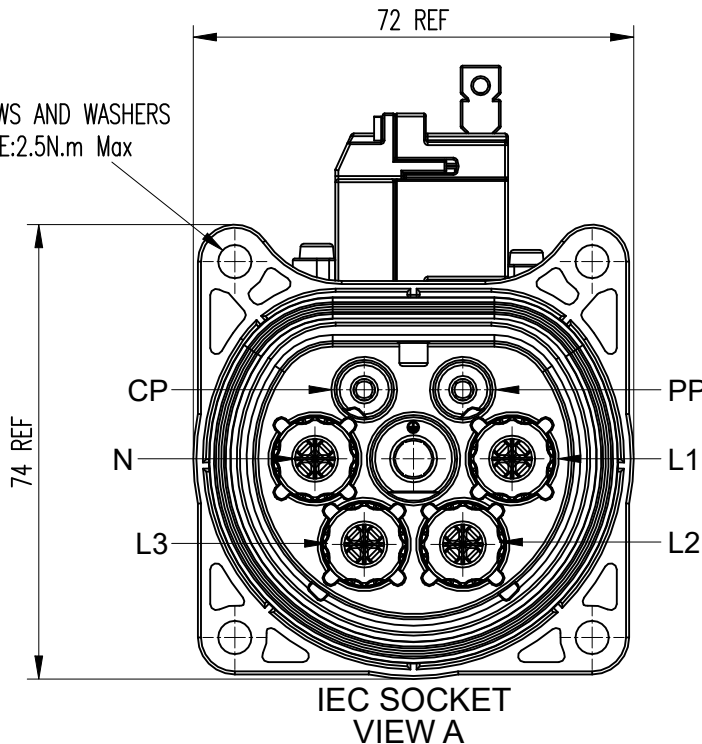


TYPE	RED	BLACK	WHITE	BLUE
UNLOCKING	+	-	SIGNAL($R_u = +\infty \Omega$)	
LOCKING	-	+	SIGNAL($R_L = 0 \Omega$)	

VIEW A



4x $\phi 5.4 \pm 0.1$
APPLICABLE M5 SCREWS AND WASHERS
RECOMMENDED TORQUE: 2.5N.m Max



Work order number
+batch number+Year week

*Notes:

1. Cable assembly data:

- ✦ Rated voltage: 480V AC (L1, L2, L3, N, PE); 30V DC (CP, PP);
- ✦ Rated current: 32A (L1, L2, L3, N); 2A (CP, PP);
- ✦ IP-Class: IP2XB, IP55 (Mated), IPXXD (L1, L2, L3, N)
- ✦ Insulation resistance: 100M Ω Min 500V DC
- ✦ Withstand voltage: 2000V AC (L1, L2, L3, N, PE) 500V AC (PP, CP)

◎ Durability: >10000 cycles;
Insertion&Extraction force: <100N

- ✦ RoHS compliance
Ambient temperature: -40°C to +50°C
- 2. Reference standard: IEC 62196-2; CE, UKCA Marking
- 3. Installed towards down, install standard reference: C-P02B000774
- 4. The cable should be fixed at 100mm max from the rear of connector
- 5. Cable minimum bending radius: $\geq 5 \cdot OD$

②	HVEL12ES001	12V mini E-LOCK:HVEL12ES001 WITH CABLE	1	EA
①	P02B000774	IEC SOCKET SHUTTER: P02B000774 BLACK 3P/32A	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM CAD FILE	.X ± 0.5 .XX ± 0.05 ANGLES $\pm 2.0^\circ$		Amphenol PCD Shenzhen		
ORIGINAL			ENGR Dino Dec-16-2024	TYPE2 OUTLET 3P 32A 480V SHUTTER PCB CABLE ASSEMBLY	
			CHKD APPD	SIZE A3	DWG NO. C-P08B007600
			SCALE NA		REV 2
			SHEET 1 OF 1		