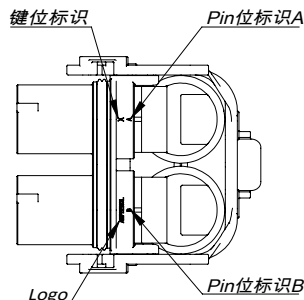
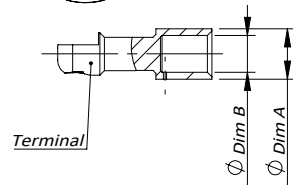
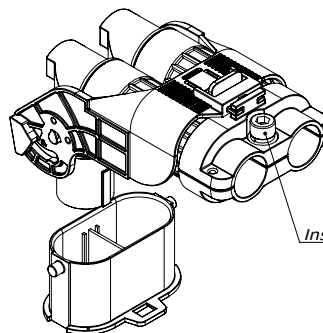
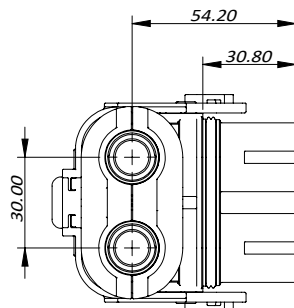
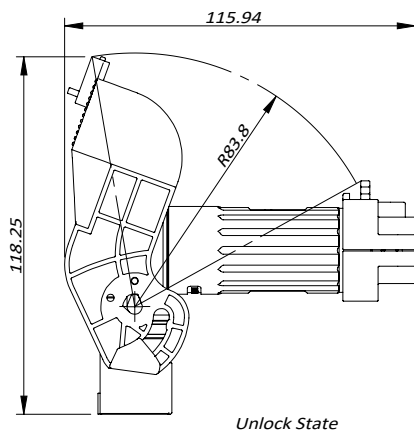
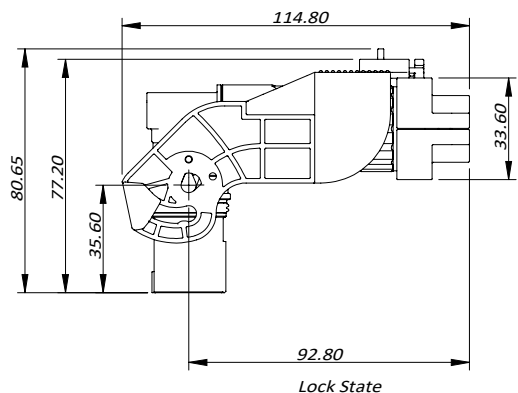
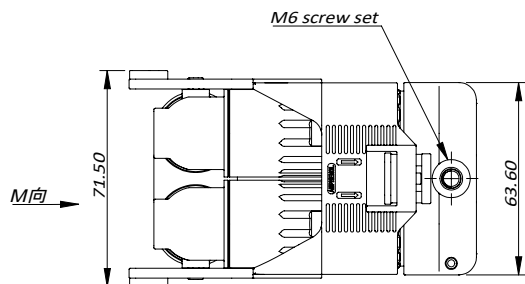


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CUSTOMER DRAWING



M向视图

Key Characteristics	Critical
Contact	关键特性
Amphenol for Latest Definition	Significant
	重要性

Install Torque: 3N·m±10%

REVISIONS					
REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
C	--	Add Package specification P/N And Protection Cap	Star	JL	03/04/2021
D	--	Add W/T key and change the temperature of technical points and remove HVIL Protection Cap	Star	JL	12/06/2021
E	--	Change operating temperature, voltage and add HVIL protection cap	JS	JL	08/09/2022
F	--	Change specification parameters	Hogan	JL	03/21/2023

Standard Part List:

Model No.	H+S Part No.	Dia. Primary Insulation(mm)	Dia. of Screen max. (mm)	Overall-Dia. Nominal(mm)	Outside-Dia. of terminal(mm): "A"	Inside-Dia. of terminal(mm): "B"
PL282(X)-30X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL282(X)-30X-50-2-5	84096257	11.5±0.3	12.6	14.9±0.3	14.0±0.3	10.0±0.3

订购信息 Ordering Information

PL282 X - 30 1 - 70 - 2 - 5

Key and Color

- "X", Orange
- "Y", Black
- "U", Yellow
- "V", Green
- "W", Red
- "T", Blue

HVIL

- "0", NO HVIL
- "1", With HVIL

Cable Size

- "70"=70mm²
- "50"=50mm²

Cable Type:

- "-5", Huber+Suhner

规格参数 (Spec.):

- 工作温度 Operating temperature : -40°C ~ +125°C.
- 带高压互锁 Electrical interlock (HVIL).
- 额定电流 Current rating:
Power: 50mm², 200A; 70mm², 250A; HVIL: 5A.
- 额定电压 Operating voltage:
Power: 1500 VDC; Signal: 60 VDC.
- 耐压 Dielectric withstanding voltage:
A. 与插座对插后, Pin与铁壳之间
When mated, between pin and metal shell: 8000 VDC.
B. 与插座对插后, Pin与HVIL之间
When mated, between pin and HVIL: 8000 VDC.
C. 与插座对插后, HVIL与铁壳之间
When mated, between HVIL and metal shell: 500 VDC.
D. 与插座对插前, 两个HVIL端子之间耐压
Before mating, between two HVIL terminals: 500 VDC.
- 防护等级 Protection class: Mated-IP6k9k & IP67, unmated-IP2X.
- 电磁屏蔽 360° full Shielding.
- 机械寿命 Mating cycle: 100 Min.
- 带CPA的摇杆系统 Latch system with CPA.
- 绝缘材料满足UL94 V-0 The insulation material meets the requirements of UL94V-0.
- 镀灰锌/镍合金, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi)Plating. Rated at 500hours salt spray.
- 产品满足RoHS和REACH要求. Parts must be RoHS and reach compliant.
- 绝缘体为140°RTI材料. The insulators are 140° RTI material.

		Amphenol Technical Products International Asia.					PART NAME:	
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PL300 G2 2POS Right Angle Plug	
签名 SIGNATURE 日期 DATE 制图 DRAWN 审核 CHECKED 批准 APPROVAL		日期 DATE 03/21/2023		UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20		DWG NO: PL282X-30X-XX-2-5 CUST PART #		
				Angles ±1°		CUST REV.		

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1	2	3	4	5	6	7	8																																																
型号	Kit Package P/N	Bulk Package P/N		REVISIONS																																																			
PL282X-300-50-2-5	AC-HA011034	AC-HA011034-2		REV#	ECN#	REVISION ACTION	REV.BY: APPR.BY: DATE																																																
PL282Y-300-50-2-5	AC-HA011035	AC-HA011035-2		A	--	INITIAL RELEASE	JX JL 03/09/2020																																																
PL282U-300-50-2-5	AC-HA016688	AC-HA016688-2		B	--	Add new parts and Key U/V	Star James 10/13/2020																																																
PL282V-300-50-2-5	AC-HA016689	AC-HA016689-2		C	--	Add Package specification P/N And Protection Cap	Star JL 03/04/2021																																																
PL282W-300-50-2-5	AC-HA016690	AC-HA016690-2		D	--	Add W/T key and change the temperature of technical points and remove HVIL Protection Cap	Star JL 12/06/2021																																																
PL282T-300-50-2-5	AC-HA016691	AC-HA016691-2		E	--	Change operating temperature, voltage and add HVIL protection cap	JS JL 08/09/2022																																																
PL282X-300-70-2-5	AC-HA011036	AC-HA011036-2		F	--	Change specification parameters	Hogan JL 03/21/2023																																																
PL282Y-300-70-2-5	AC-HA011037	AC-HA011037-2																																																					
PL282U-300-70-2-5	AC-HA016692	AC-HA016692-2																																																					
PL282V-300-70-2-5	AC-HA016693	AC-HA016693-2																																																					
PL282W-300-70-2-5	AC-HA016694	AC-HA016694-2																																																					
PL282T-300-70-2-5	AC-HA016695	AC-HA016695-2																																																					
PL282X-301-50-2-5	AC-HA011042	AC-HA011042-2																																																					
PL282Y-301-50-2-5	AC-HA011043	AC-HA011043-2																																																					
PL282U-301-50-2-5	AC-HA016696	AC-HA016696-2																																																					
PL282V-301-50-2-5	AC-HA016697	AC-HA016697-2																																																					
PL282W-301-50-2-5	AC-HA016698	AC-HA016698-2																																																					
PL282T-301-50-2-5	AC-HA016699	AC-HA016699-2																																																					
PL282X-301-70-2-5	AC-HA011044	AC-HA011044-2																																																					
PL282Y-301-70-2-5	AC-HA011045	AC-HA011045-2																																																					
PL282U-301-70-2-5	AC-HA016700	AC-HA016700-2																																																					
PL282V-301-70-2-5	AC-HA016701	AC-HA016701-2																																																					
PL282W-301-70-2-5	AC-HA016702	AC-HA016702-2																																																					
PL282T-301-70-2-5	AC-HA016703	AC-HA016703-2																																																					
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