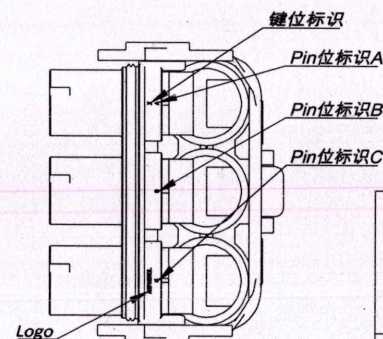
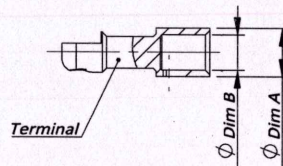
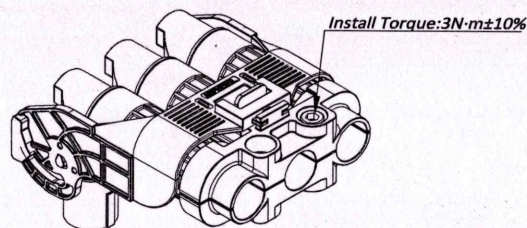
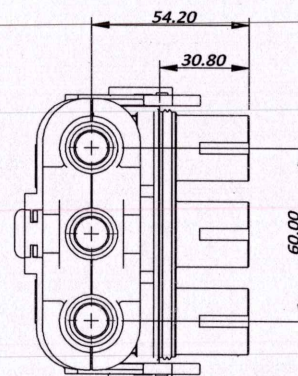
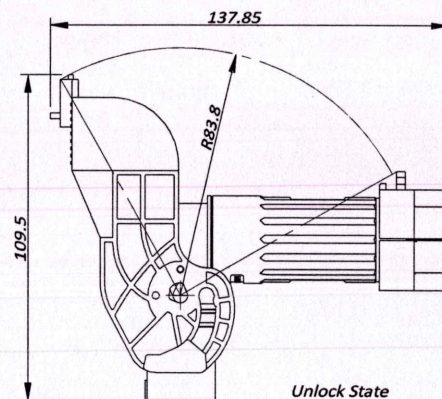
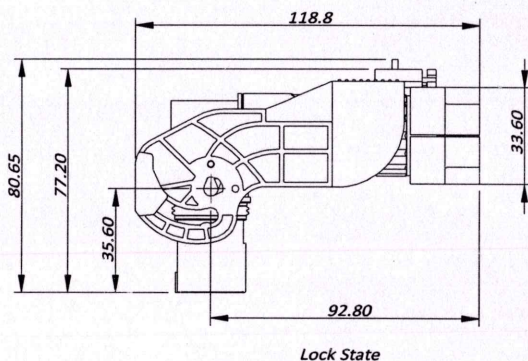
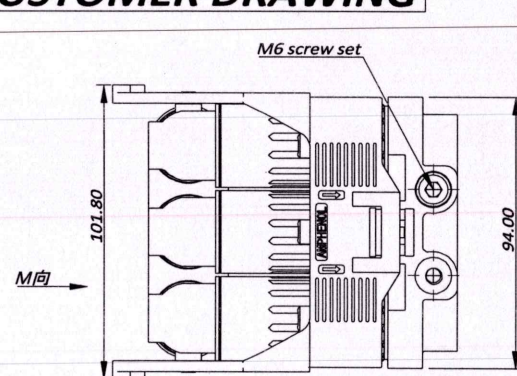


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CUSTOMER DRAWING



M向视图

REVISIONS

REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	JX	JL	03/09/2020

Standard Part List:

Model No.	H+S Part No.	Dia. Primary Insulation (mm)	Dia. of Screen max. (mm)	Overall-Dia. Nominal (mm)	Outside-Dia. A of terminal(mm)	Inside-Dia. B of terminal(mm)
PL283(X)-30X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL283(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

PL283 X - 30 1 - 70 - 2 -5

Key and Color
"X", Orange
"Y", Black

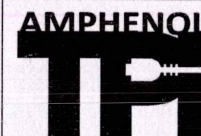
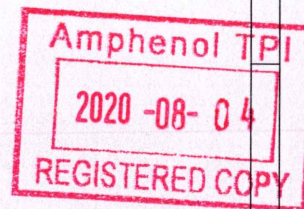
HVIL
"0", NO HVIL
"1", With HVIL

Cable Size
"70"=70mm²
"50"=50mm²

Cable Type:
"-5", Huber+Suhner

规格参数(Spec.):

- 1.工作温度 Operating temperature : -40°C ~ +125°C.
- 2.带高压互锁 Electrical interlock (HVIL).
- 3.额定电流 Current rating:
Power: 50mm², 200A; 70mm², 250A; HVIL: 5A.
- 4.额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
- 5.耐电压 Dielectric withstanding voltage:
A.与插座对接后, Pin与铁壳之间
When mated, between pin and metal shell: 5000 VDC.
B.与插座对接后, Pin与HVIL之间
When mated, between pin and HVIL: 5000 VDC.
C.与插座对接后, HVIL与铁壳之间
When mated, between HVIL and metal shell: 500 VDC.
D.与插座对接前, 两个HVIL端子之间耐压
Before mating, between two HVIL terminals: 500 VDC.
- 6.防护等级 Protection class: Mated-IP6k9k & IP67, unmated-IP2X.
- 7.电磁屏蔽 360° Full Shielding.
- 8.机械寿命 Mating cycle: 100 Min.
- 9.带CPA的摇杆系统 Latch system with CPA.
- 10.绝缘材料满足UL94 V-0 Inner insulation material satisfy UL94V-0.
- 11.镀锌/镍合金, 符合RoHS, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi) Plating. RoHS compliant, Rated at 500hours salt spray.



Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME:
	1 OF 2	A4	A	1:2.5	PL10mm G2 3POS Right Angle Plug
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN	Jack	1) All dimensions are in metric(mm). 2) Tolerances are as follows:			PL283X-30X-XX-2-5
审核 CHECKED		1. PL DEC ± 1.00 2. PL DEC ± 0.50 3. PL DEC ± 0.20			CUST PART #
批准 APPROVAL		Angles ± 1°			CUST REV.

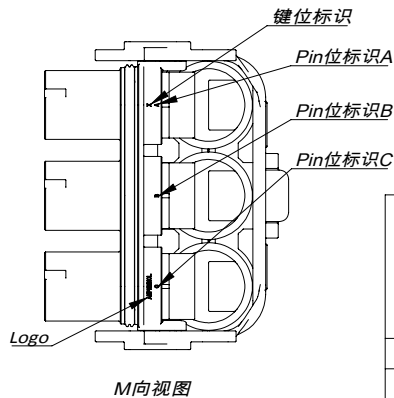
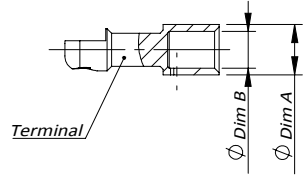
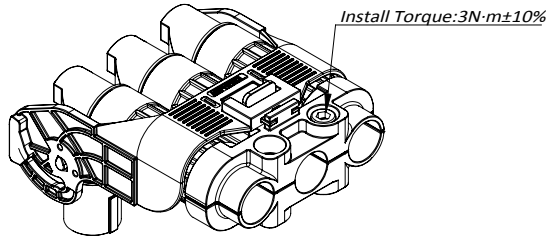
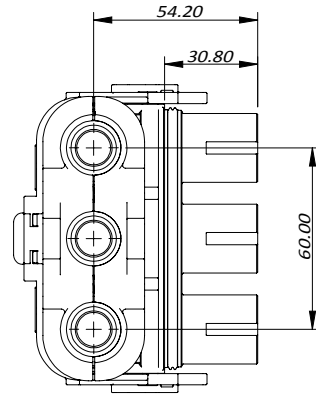
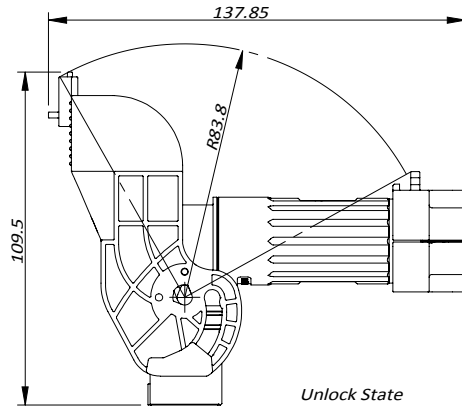
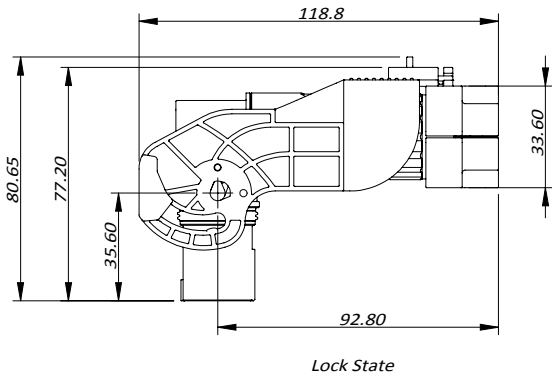
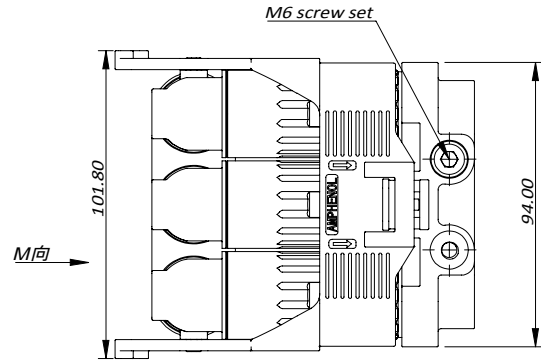
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1	2	3	4	5	6	7	8
型号	AC P/N	REVISONS					
PL283X-300-50-2-5	AC-HA011993	REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
PL283Y-300-50-2-5	AC-HA011994	A	--	INITIAL RELEASE	JX	JL	03/09/2020
PL283X-300-70-2-5	AC-HA011995						
PL283Y-300-70-2-5	AC-HA011996						
PL283X-301-50-2-5	AC-HA011997						
PL283Y-301-50-2-5	AC-HA011998						
PL283X-301-70-2-5	AC-HA011999						
PL283Y-301-70-2-5	AC-HA012000						



AMPHENOL TPI		Amphenol Technical Products International Asia.					
第三角投影 THIRD ANGLE PROJECTION		页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME:	
		2 OF 2	A4	A	1:2.5	PL10mm G2 3POS Right Angle Plug	
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		DWG NO:	
制图 DRAWN Jack		03/09/2020		1) All dimensions are in metric(mm). 2) Tolerances are as follows:		PL283X-30X-XX-2-5	
审核 CHECKED		2020.7.31		1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20		CUST PART #	
批准 APPROVAL		2020.7.31		Angles ±1°		CUST REV.	

CUSTOMER DRAWING



REVISIONS					
REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	JX	JL	03/09/2020

Standard Part List:

Model No.	H+S Part No.	Dia. Primary Insulation (mm)	Dia. of Screen max. (mm)	Overall-Dia. Nominal (mm)	Outside-Dia. A of terminal(mm)	Inside-Dia. B of terminal(mm)
PL283(X)-30X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL283(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

PL283 X - 30 1 - 70 - 2 -5

Key and Color	HVIL	Cable Size	Cable Type:
"X", Orange	"0", NO HVIL	"70"=70mm ²	"-5", Huber+Suhner
"Y", Black	"1", With HVIL	"50"=50mm ²	

- 规格参数(Spec.):
1. 工作温度 Operating temperature : -40°C ~ +125°C.
 2. 带高压互锁 Electrical interlock (HVIL).
 3. 额定电流 Current rating:
Power: 50mm²2,200A; 70mm²2,250A; HVIL: 5A.
 4. 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
 5. 耐电压 Dielectric withstanding voltage:
A. 与插座对插后, Pin与铁壳之间
When mated, between pin and metal shell: 5000 VDC.
B. 与插座对插后, Pin与HVIL之间
When mated, between pin and HVIL: 5000 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.
 6. 防护等级 Protection class: Mated-IP6k9k & IP67, unmated-IP2X.
 7. 电磁屏蔽 360°full Shielding.
 8. 机械寿命 Mating cycle: 100 Min.
 9. 带CPA的摇杆系统 Latch system with CPA.
 10. 绝缘材料满足UL94 V-0 Inner insulation material satisfy UL94V-0.
 11. 镀次锌/镍合金, 符合RoHS, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi)Plating. RoHS compliant, Rated at 500hours salt spray.

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	PL10mm G2 3POS Right Angle Plug	
		1 OF 2	A4	A	1:2.5		
	签 名 SIGNATURE	日 期 DATE	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: PL283X-30X-XX-2-5
	制 图 DRAWN	Jack	03/09/2020	Angles ±1°			
审 核 CHECKED				CUST PART #		CUST REV.	
批 准 APPROVAL							

	1	2	3	4	5	6	7	8																																						
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