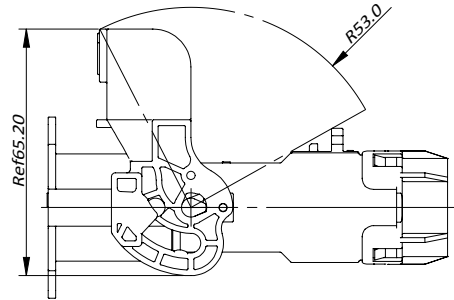
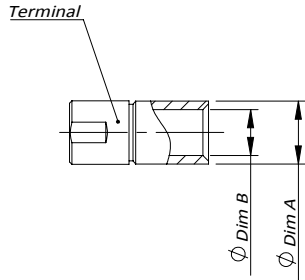
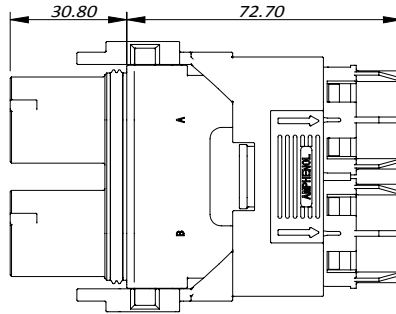
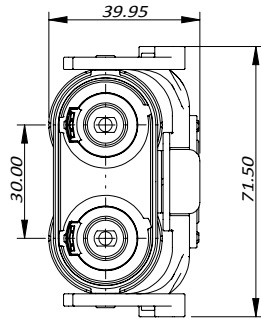
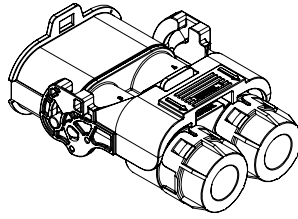


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CUSTOMER DRAWING



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"
PL182(X)-30X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL182(X)-30X-50-2-5	84096257	11.5±0.3	12.6	14.9±0.3	14.0±0.3	10.0±0.3

REVISIONS					
REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	JX	JL	03/09/2020
B	--	Add new parts and Key U/V	Star	James	10/13/2020

订购信息 Ordering Information

PL182 X - 30 1 - 70 - 2 -5

Key and Color
"X", Orange
"Y", Black
"U", Yellow
"V", Green

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

Cable Size
"70"=70mm²
"50"=50mm²

Cable Type:
"-5", Huber+Suhrner

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. 镀灰锌/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	B	--	PL10mm G2 2POS Straight Plug	
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: PL182X-30X-XX-2-5	
制图 DRAWN		Star		10/13/2020		CUST PART #	
审核 CHECKED						CUST REV.	
批准 APPROVAL							

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1		2		3		4		5		6		7		8											
型号		AC P/N		B										REVISIONS											
PL182X-300-50-2-5		AC-HA011002												REV#	ECN#		REVISION ACTION		REV.BY:		APPR.BY:		DATE		
PL182Y-300-50-2-5		AC-HA011003												A		--		INITIAL RELEASE		JX		JL		03/09/2020	
PL182U-300-50-2-5		AC-HA016672												B		--		Add new parts and Key U/V		Star		James		10/13/2020	
PL182V-300-50-2-5		AC-HA016673																							
PL182X-300-70-2-5		AC-HA011004																							
PL182Y-300-70-2-5		AC-HA011005																							
PL182U-300-70-2-5		AC-HA016676																							
PL182V-300-70-2-5		AC-HA016677																							
PL182X-301-50-2-5		AC-HA011010																							
PL182Y-301-50-2-5		AC-HA011011																							
PL182U-301-50-2-5		AC-HA016680																							
PL182V-301-50-2-5		AC-HA016681																							
PL182X-301-70-2-5		AC-HA011012																							
PL182Y-301-70-2-5		AC-HA011013																							
PL182U-301-70-2-5		AC-HA016684																							
PL182V-301-70-2-5		AC-HA016685																							