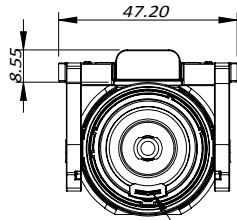
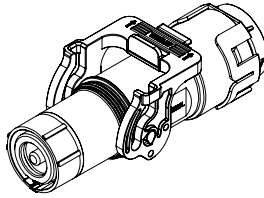
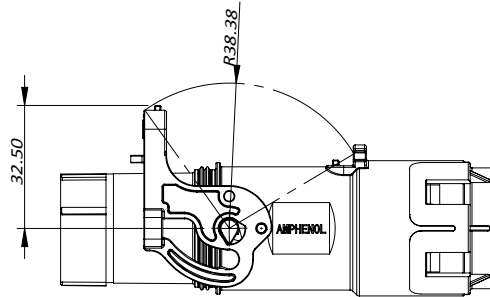
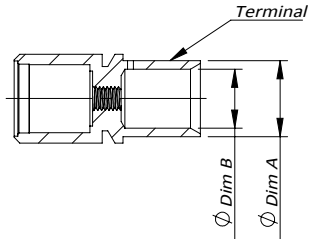
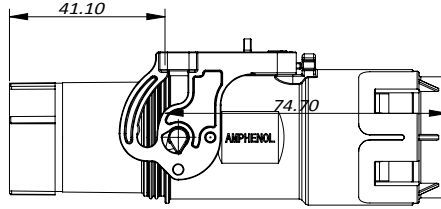


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CUSTOMER DRAWING



HVIL Contact



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"
PL18(X)-50X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL18(X)-50X-95-2-5	84100299	16.2±0.3	17.3	19.9±0.4	17.9±0.3	13.9±0.3
PL18(X)-50X-120-2-5	84103410	18.0±0.3	19.1	22.6±0.4	20.1±0.3	15.6±0.3

REVISIONS

REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	Jack	James	03/31/2020
B	--	增加表格信息	Star	James	10/29/2020

订购信息 Ordering Information

PL18 X - 50 1 - 95 - 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
"95"=95mm²
"120"=120mm²

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: 70mm² 2,250A; 95mm² 2,300A; 120mm² 2,400A; 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		PwrLok 14mm G2 straight plug
签 名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制 图 DRAWN	Star	1) All dimensions are in metric(mm). 2) Tolerances are as follows:			PL18X-50X-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		REVISIONS													
PL18X-501-95-2-5		AC-HA011921															
PL18Y-501-95-2-5		AC-HA011922		REV#		ECN#		REVISION ACTION				REV.BY:		APPR.BY:		DATE	
PL18U-501-95-2-5		AC-HA011923		A		--		INITIAL RELEASE				Jack		James		03/31/2020	
PL18V-501-95-2-5		AC-HA011924		B		--		增加表格信息				Star		James		10/29/2020	
PL18W-501-95-2-5		AC-HA011925															
PL18T-501-95-2-5		AC-HA011926															
PL18X-500-95-2-5		AC-HA011927															
PL18Y-500-95-2-5		AC-HA011928															
PL18U-500-95-2-5		AC-HA011929															
PL18V-500-95-2-5		AC-HA011930															
PL18W-500-95-2-5		AC-HA011931															
PL18T-500-95-2-5		AC-HA011932															
PL18X-501-120-2-5		AC-HA011933															
PL18Y-501-120-2-5		AC-HA011934															
PL18U-501-120-2-5		AC-HA011935															
PL18V-501-120-2-5		AC-HA011936															
PL18W-501-120-2-5		AC-HA011937															
PL18T-501-120-2-5		AC-HA011938															
PL18X-500-120-2-5		AC-HA011939															
PL18Y-500-120-2-5		AC-HA011940															
PL18U-500-120-2-5		AC-HA011941															
PL18V-500-120-2-5		AC-HA011942															
PL18W-500-120-2-5		AC-HA011943															
PL18T-500-120-2-5		AC-HA011944															
PL18X-500-70-2-5		AC-HA012918															
PL18Y-500-70-2-5		AC-HA012919															
PL18U-500-70-2-5		AC-HA012920															
PL18V-500-70-2-5		AC-HA012921															
PL18W-500-70-2-5		AC-HA012922															
PL18T-500-70-2-5		AC-HA012923															
PL18X-501-70-2-5		AC-HA012924															
PL18Y-501-70-2-5		AC-HA012925															
PL18U-501-70-2-5		AC-HA012926															
PL18V-501-70-2-5		AC-HA012927															
PL18W-501-70-2-5		AC-HA012928															
PL18T-501-70-2-5		AC-HA012929															