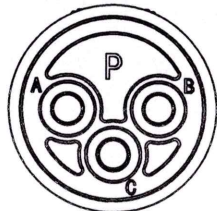


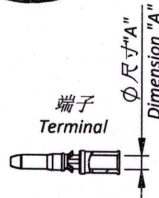
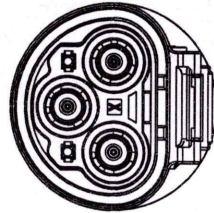
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CUSTOMER DRAWING

REV#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	INITIAL RELEASE	Fred	JL	09/17/2020



视图P
比例 1:1



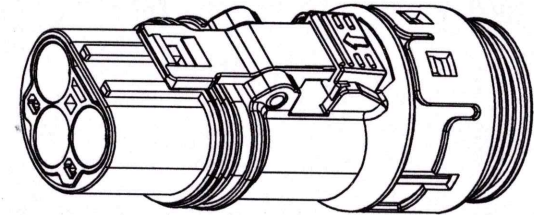
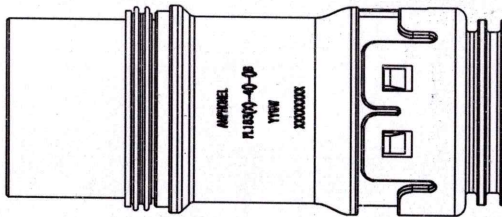
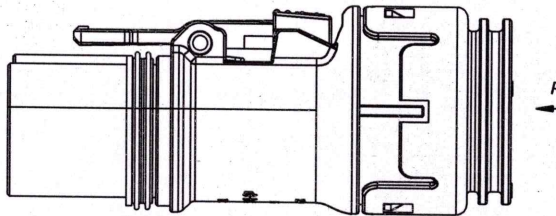
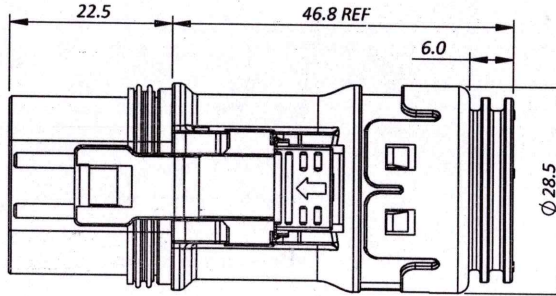
端子
Terminal

Standard Part List(With HVIL)

Model NO.	Recommended Shielding Wire OD	Dimension "A"	Mating Rcpt Model NO.
PL183X-41-2.5B	5.0~5.4mm	Ø 2.50mm	PL083X-41-2.5
PL183Y-41-2.5B			PL083Y-41-2.5
PL183U-41-2.5B			PL083U-41-2.5
PL183X-41-4B	5.6~6.0mm	Ø 3.05mm	PL083X-41-4
PL183Y-41-4B			PL083Y-41-4
PL183U-41-4B			PL083U-41-4
PL183X-41-6B	6.4~7.0mm	Ø 3.80mm	PL083X-41-6
PL183Y-41-6B			PL083Y-41-6
PL183U-41-6B			PL083U-41-6

Standard Part List(Without HVIL)

Model NO.	Recommended Shielding Wire OD	Dimension "A"	Mating Rcpt Model NO.
PL183X-40-2.5B	5.0~5.4mm	Ø 2.50mm	PL083X-40-2.5
PL183Y-40-2.5B			PL083Y-40-2.5
PL183U-40-2.5B			PL083U-40-2.5
PL183X-40-4B	5.6~6.0mm	Ø 3.05mm	PL083X-40-4
PL183Y-40-4B			PL083Y-40-4
PL183U-40-4B			PL083U-40-4
PL183X-40-6B	6.4~7.0mm	Ø 3.80mm	PL083X-40-6
PL183Y-40-6B			PL083Y-40-6
PL183U-40-6B			PL083U-40-6

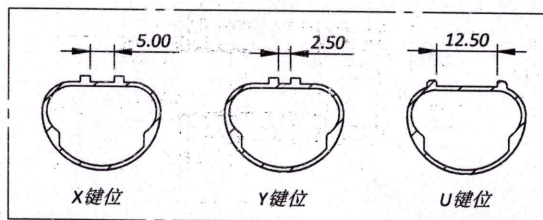


规格参数(Spec.):

- 1.工作温度 Operating temperature: -40°C~+125°C.
- 2.带高压互锁 Electrical interlock (HVIL)(Optional).
- 3.额定电流 Rating current:
2.5mm²: 25A, 4mm²: 40A, 6mm²: 45A.
- 4.额定电压 Rating voltage: 600 VAC (Max) / 1000 VDC (Max).
- 5.耐电压 Dielectric withstanding voltage: 2200 VAC / 5000 VDC.
- 6.防护等级 Protection class: IP67(mated condition).
- 7.电磁屏蔽 Shielding.
- 8.机械寿命 Mating cycle:100 Min.
- 9.对插座见图纸 Mating receptacle see drawing: "PL083-40".
- 10.接屏蔽线 Accepted Shielding Wire.

订购信息 Ordering Information

PL183	X	-	4	1	-	6	B
键位及颜色 Key & Color "X", 橙色 Orange "Y", 黑色 Black "U", 黄色 Yellow		高压互锁 HVIL 0, 不带高压互锁 No HVIL 1, 带高压互锁 With HVIL			线缆大小 Cable Size "6"=6mm ² "4"=4mm ² "2.5"=2.5mm ²		



键位示意图

Amphenol TPI
 2020-09-23
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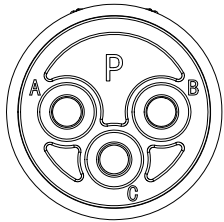
		Amphenol Technical Products International Asia.				PART NAME: PwrLok 4.0mm 3POS Plug Conn	
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET 1 OF 1	幅面 SIZE A4	版次 REV. A	比例 SCALE A	DWG NO: PL183X-4(1)-(X)B
签名 SIGNATURE Fred		日期 DATE 09/17/2020		UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20		CUST PART # N/A	
制图 DRAWN Fred		审核 CHECKED Jenon		批准 APPROVAL 2020.9.18		CUST REV. -	

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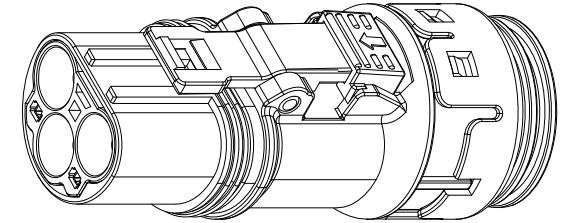
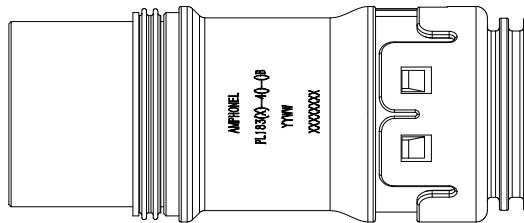
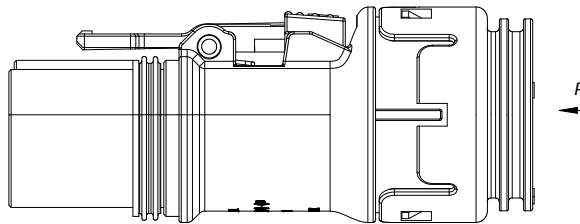
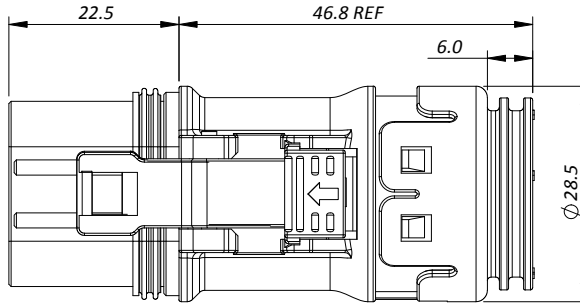
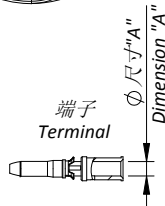
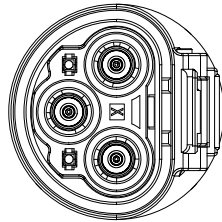
1 2 3 4 5 6 7 8

REV#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	INITIAL RELEASE	Fred	JL	09/17/2020

CUSTOMER DRAWING



视图 P
比例 1:1



规格参数(Spec.):

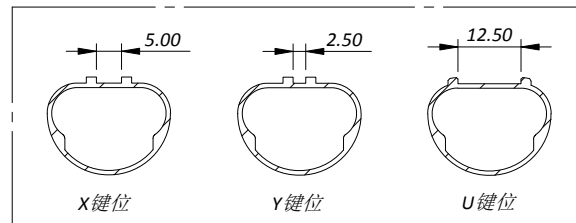
1. 工作温度 Operating temperature: -40°C ~ +125°C.
2. 带高压互锁 Electrical interlock (HVIL)(Optional).
3. 额定电流 Rating current:
2.5mm²: 25A, 4mm²: 40A, 6mm²: 45A.
4. 额定电压 Rating voltage: 600 VAC (Max) / 1000 VDC (Max).
5. 耐电压 Dielectric withstanding voltage: 2200 VAC / 5000 VDC.
6. 防护等级 Protection class: IP67(mated condition).
7. 电磁屏蔽 Shielding.
8. 机械寿命 Mating cycle: 100 Min.
9. 对配插座见图纸 Mating receptacle see drawing: "PL083-40".
10. 接屏蔽线 Accepted Shielding Wire.

Standard Part List(With HVIL)

Model NO.	Recommended Shielding Wire OD	Dimension "A"	Mating Rcpt Model NO.
PL183X-41-2.5B	5.0~5.4mm	$\phi 2.50\text{mm}$	PL083X-41-2.5
PL183Y-41-2.5B			PL083Y-41-2.5
PL183U-41-2.5B			PL083U-41-2.5
PL183X-41-4B	5.6~6.0mm	$\phi 3.05\text{mm}$	PL083X-41-4
PL183Y-41-4B			PL083Y-41-4
PL183U-41-4B			PL083U-41-4
PL183X-41-6B	6.4~7.0mm	$\phi 3.80\text{mm}$	PL083X-41-6
PL183Y-41-6B			PL083Y-41-6
PL183U-41-6B			PL083U-41-6

Standard Part List(Without HVIL)

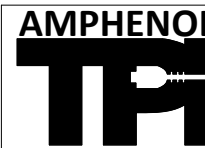
Model NO.	Recommended Shielding Wire OD	Dimension "A"	Mating Rcpt Model NO.
PL183X-40-2.5B	5.0~5.4mm	$\phi 2.50\text{mm}$	PL083X-40-2.5
PL183Y-40-2.5B			PL083Y-40-2.5
PL183U-40-2.5B			PL083U-40-2.5
PL183X-40-4B	5.6~6.0mm	$\phi 3.05\text{mm}$	PL083X-40-4
PL183Y-40-4B			PL083Y-40-4
PL183U-40-4B			PL083U-40-4
PL183X-40-6B	6.4~7.0mm	$\phi 3.80\text{mm}$	PL083X-40-6
PL183Y-40-6B			PL083Y-40-6
PL183U-40-6B			PL083U-40-6



键位示意图

订购信息 Ordering Information

PL183	X	-	4	1	-	6	B
键位及颜色 Key & Color "X", 橙色 Orange "Y", 黑色 Black "U", 黄色 Yellow		高压互锁 HVIL 0, 不带高压互锁 No HVIL 1, 带高压互锁 With HVIL		线缆大小 Cable Size "6"=6mm ² "4"=4mm ² "2.5"=2.5mm ²			



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 1	A4	A		PwrLok 4.0mm 3POS Plug Conn
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:
制图 DRAWN	Fred	09/17/2020	Angles ±1°		PL183X-4(1)-(X)B
审核 CHECKED					CUST PART #
批准 APPROVAL					N/A
					CUST REV.
					-

1 2 3 4 5 6 7 8