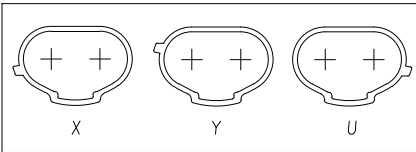
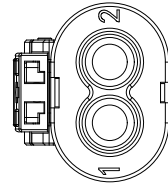
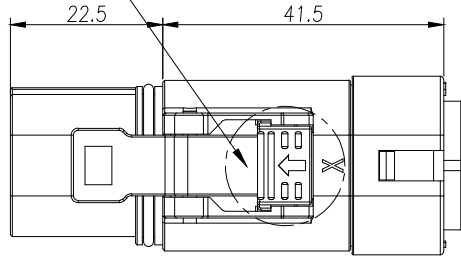
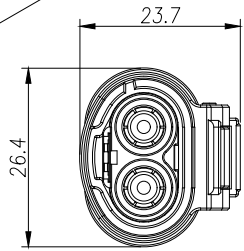
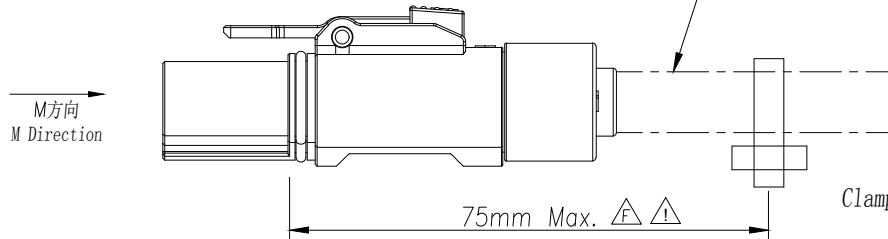
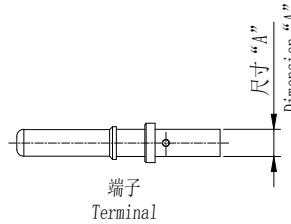


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Customer Drawing



M方向键位示意图
Key Abridged General View of M Direction



Note:

Mechanical loads applied to the connector must be controlled by appropriate strain relief of the cable. No bend/twist/flex is allowed on cable prior to securement. Cable must be fixed to a point structurally contiguous with the receptacle connector within 75mm Max. from the mating interface of the plug and receptacle. No relative movement between receptacle and first cable securing device is permissible. Strain relief distance should be minimized for all applications

规格参数 (Spec.):

1. 工作温度 Operating temperature: -40° C~+125° C.
2. 额定电流 Current rating (connector only):
2.5mm²: 25A, 4mm²: 40A
3. 额定电压 Operating voltage: 1000 VDC.
4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
5. 防护等级 Protection class: IP67 & IP2X.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle: 100 Min.
8. 带自动二次锁扣 Automatic secondary lock.
9. 带高压互锁 Electrical interlock (HVIL).
10. 对配插座见图纸 Mating receptacle see drawing: "PL082-60".

订购信息 Ordering Information

PL18		2	X	-	6	1	-	4
键位及颜色 Key & Color			高压互锁 HVIL			线缆大小 Cable Size		
"X", 橙色 Orange			0, 不带互锁 No HVIL			"4"=4mm ² shielding		
"Y", 黑色 Black			1, 带互锁 With HVIL			"2.5"=2.5mm ² shielding		
"U", 黄色 Yellow								

AMPHENOL



签名 SIGNATURE

制图 DRAWN

审核 CHECKED

批准 APPROVAL

Amphenol Technical Products International Asia.



第三角投影
THIRD ANGLE
PROJECTION

日期 DATE

1 OF 2

幅面 SIZE

版次 REV.

比例 SCALE

UNLESS OTHERWISE SPECIFIED

1) All dimensions are in metric (mm).

2) Tolerances are as follows:

0 PL DEC ±1.00

1 PL DEC ±0.50

2 PL DEC ±0.20

Angles ±1°

PART NAME:

PwrLok 4mm 2POS Plug Conn

DWG NO:

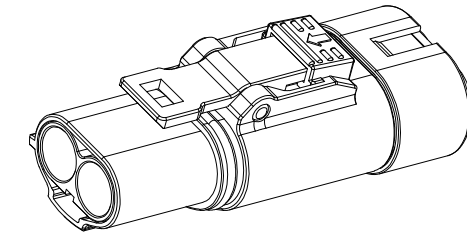
PL182-60

CUST PART #:

N/A

CUST REV.

-



Standard Part List (With HVIL) 带高压互锁

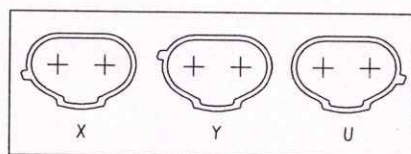
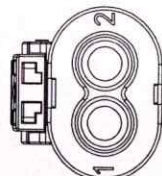
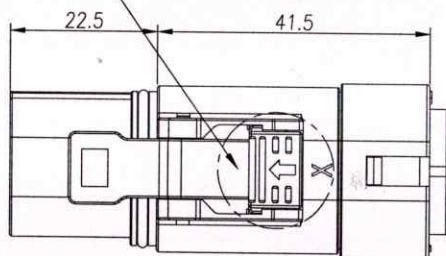
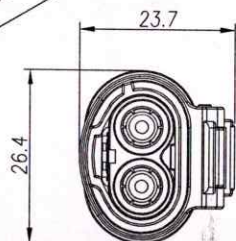
P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Rcpt Model NO.
AC-HA000743	PL182X-61-2.5	5.0~5.4mm	Ø4.00mm	PL082X-61-2.5
AC-HA000744	PL182Y-61-2.5			PL082Y-61-2.5
AC-HA000745	PL182U-61-2.5			PL082U-61-2.5
AC-HA000919	PL182X-61-4	5.6~6.0mm	△ Ø4.57mm	PL082X-61-4
AC-HA000920	PL182Y-61-4			PL082Y-61-4
AC-HA000921	PL182U-61-4			PL082U-61-4

Standard Part List (Without HVIL) 不带高压互锁 △

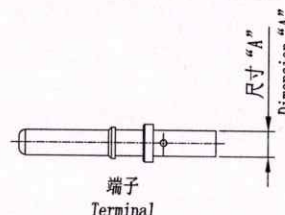
P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Rcpt Model NO.
AC-HA000746	PL182X-60-2.5	5.0~5.4mm	Ø4.00mm	PL082X-60-2.5
AC-HA000747	PL182Y-60-2.5			PL082Y-60-2.5
AC-HA000748	PL182U-60-2.5			PL082U-60-2.5
AC-HA000922	PL182X-60-4	5.6~6.0mm	△ Ø4.57mm	PL082X-60-4
AC-HA000923	PL182Y-60-4			PL082Y-60-4
AC-HA000924	PL182U-60-4			PL082U-60-4

Customer Drawing

按键颜色见“订购信息”
The color of press key see “Ordering Information”

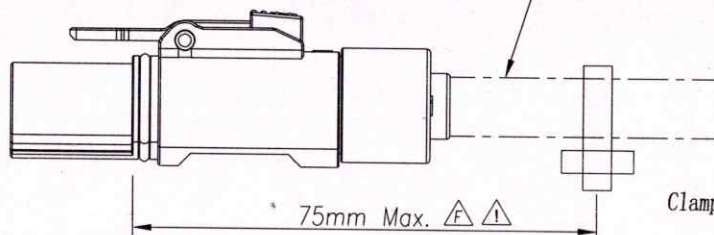


M方向键位示意图
Key Abridged General View of M Direction



Cable 线缆

M方向
M Direction



Clamp 线夹

⚠
Note:

Mechanical loads applied to the connector must be controlled by appropriate strain relief of the cable. No bend/twist/flex is allowed on cable prior to securement. Cable must be fixed to a point structurally contiguous with the receptacle connector within 75mm Max. from the mating interface of the plug and receptacle. No relative movement between receptacle and first cable securing device is permissible. Strain relief distance should be minimized for all applications

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4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
5. 防护等级 Protection class: IP67 & IP2X.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle: 100 Min.
8. 带自动二次锁扣 Automatic secondary lock.
9. 带高压互锁 Electrical interlock (HVIL).
10. 对配插座见图纸 Mating receptacle see drawing: “PL082-60”.

订购信息 Ordering Information

PL18	2	X	-	6	1	-	4
键位及颜色 Key & Color		高压互锁 HVIL		线缆大小 Cable Size			
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"Y", 黑色 Black		1, 带互锁 With HVIL		"2.5"=2.5mm ² shielding			
"U", 黄色 Yellow							

Amphenol TPI
2018-08-24
REGISTERED COPY

Standard Part List (With HVIL) 带高压互锁

P/N	Model NO.	Recommended Wire OD	Dimension “A”	Mating Rcpt Model NO.
AC-HA000743	PL182X-61-2.5	5.0~5.4mm	φ4.00mm	PL082X-61-2.5
AC-HA000744	PL182Y-61-2.5			PL082Y-61-2.5
AC-HA000745	PL182U-61-2.5			PL082U-61-2.5
AC-HA000919	PL182X-61-4	5.6~6.0mm	△ φ4.57mm	PL082X-61-4
AC-HA000920	PL182Y-61-4			PL082Y-61-4
AC-HA000921	PL182U-61-4			PL082U-61-4

Standard Part List (Without HVIL) 不带高压互锁 △

P/N	Model NO.	Recommended Wire OD	Dimension “A”	Mating Rcpt Model NO.
AC-HA000746	PL182X-60-2.5	5.0~5.4mm	φ4.00mm	PL082X-60-2.5
AC-HA000747	PL182Y-60-2.5			PL082Y-60-2.5
AC-HA000748	PL182U-60-2.5			PL082U-60-2.5
AC-HA000922	PL182X-60-4	5.6~6.0mm	△ φ4.57mm	PL082X-60-4
AC-HA000923	PL182Y-60-4			PL082Y-60-4
AC-HA000924	PL182U-60-4			PL082U-60-4

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TPI

Amphenol Technical Products International Asia.

签名 SIGNATURE

日期 DATE

UNLESS OTHERWISE SPECIFIED

制图 DRAWN

Fred

08/24/18

1) All dimensions are in metric (mm).

审核 CHECKED

Steven

8-24

2) Tolerances are as follows:

批准 APPROVAL

Amphenol

2018.8.24

0 PL DEC ±1.00

1 PL DEC ±0.50

2 PL DEC ±0.20

Angles ±1°

PART NAME:

PwrLok 4mm 2POS Plug Conn

QWC NO:

PL182-60

CUST PART #:

N/A

CUST REV: