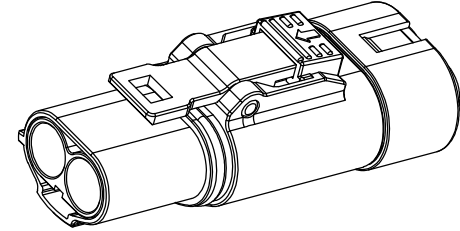
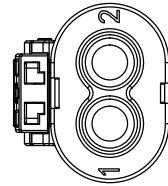
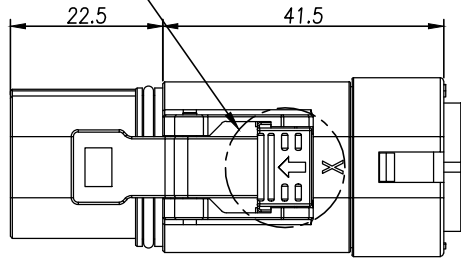
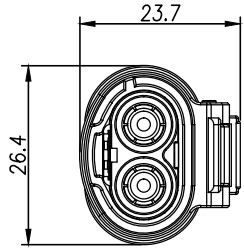
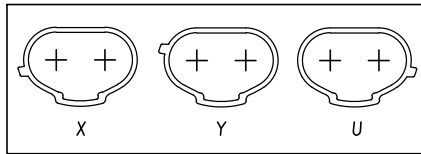
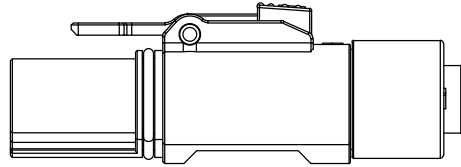


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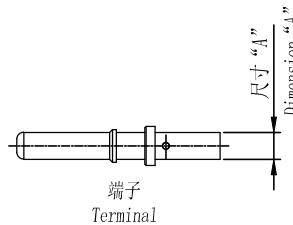
Customer Drawing



M方向
M Direction



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



端子
Terminal

规格参数 (Spec.):

1. 工作温度 Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
2. 额定电流 Current rating (Connector Only): 60 A.
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.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle: 500 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		
"Y", 黑色 Black			1 , 带互锁 With HVIL		"2.5"=2.5mm ²		
"U", 黄色 Yellow							

REVISIONS

REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
1	--	--	INITIAL RELEASE	11/21/13	RW	EC
A1	--	--	Updated Spec.	07/17/14	RW	EC
A2	--	--	Updated Back Cover	11/21/14	RW	EC
B	--	--	Change The Color of Press Key & Recommended Wire OD	03/04/15	RW	EC
B1	--	--	Add dimension of terminal	04/28/15	RW	EC
C	--	--	Add key abridged general view	09/17/15	RW	TS
D	--	--	Change pin for 4mm2 wire	11/03/15	RW	TS

Standard Part List (With HVIL)

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

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

AMPHENOL
TP

Amphenol Technical Products International GZ

第三角投影
THIRD ANGLE
PROJECTION

页面
SHEET

幅面
SIZE

版次
REV.

比例
SCALE

PART NAME:

PwrLok 4mm 2POS Plug Conn

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 $\pm 1^{\circ}$

DWG NO:

PL182-60

CUST PART #:

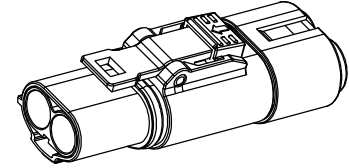
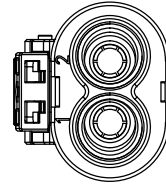
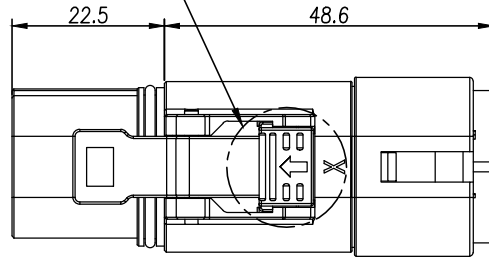
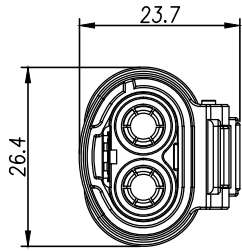
N/A

CUST REV.

-

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Customer Drawing

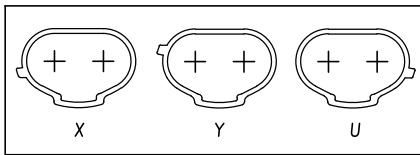


Standard Part List (With HVIL)

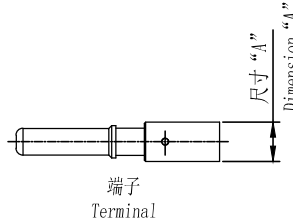
P/N	Model NO.	Recommended Wire OD	Dimension “A”	Mating Rcpt Model NO.
AC-HA000925	PL182X-61-6	6.4~7.0mm	ø5.80mm	PL082X-61-6
AC-HA000926	PL182Y-61-6			PL082Y-61-6
AC-HA000927	PL182U-61-6			PL082U-61-6
AC-HA001076	PL182X-61-10	8.3~8.9mm	ø7.40mm	PL082X-61-10
AC-HA001077	PL182Y-61-10			PL082Y-61-10
AC-HA001078	PL182U-61-10			PL082U-61-10

Standard Part List (Without HVIL)

P/N	Model NO.	Recommended Wire OD	Dimension “A”	Mating Rcpt Model NO.
AC-HA000928	PL182X-60-6	6.4~7.0mm	ø5.80mm	PL082X-60-6
AC-HA000929	PL182Y-60-6			PL082Y-60-6
AC-HA000930	PL182U-60-6			PL082U-60-6
AC-HA001079	PL182X-60-10	8.3~8.9mm	ø7.40mm	PL082X-60-10
AC-HA001080	PL182Y-60-10			PL082Y-60-10
AC-HA001081	PL182U-60-10			PL082U-60-10



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



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): 60 A.
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.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle: 500 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	-	10
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		"10"=10mm ²		
"Y", 黑色 Black			1, 带互锁 With HVIL		"6"=6mm ²		
"U", 黄色 Yellow							

AMPHENOL TP	Amphenol Technical Products International GZ						
	第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 4mm 2POS Plug Conn	
		2 of 2	A3	D		DWG NO: PL182-60	
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		CUST PART #:	
制图 DRAWN		日期 DATE		1) All dimensions are in metric(mm).		PL182-60	
审核 CHECKED		日期 DATE		2) Tolerances are as follows:		N/A	
批准 APPROVAL		日期 DATE		0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20		CUST REV.	
				Angles ±1°		-	

Mouser Electronics

Authorized Distributor

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[PL182X-301-50-2-5](#) [PL182X-61-10-2](#) [PL182X-61-2.5-2](#) [PL182X-61-4-2](#) [PL182X-30X-BP-2](#)