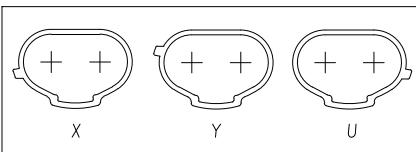
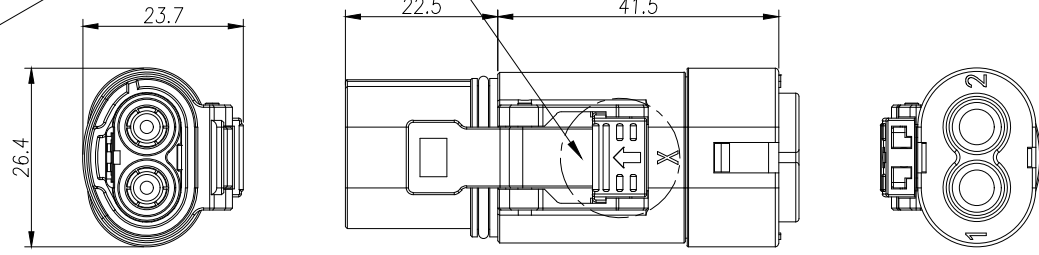
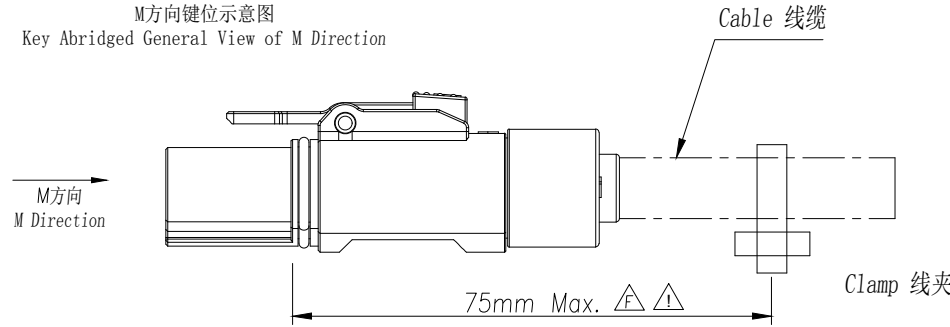
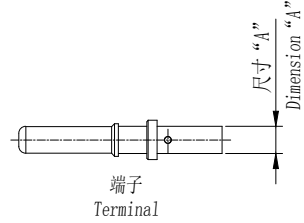


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Customer Drawing



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

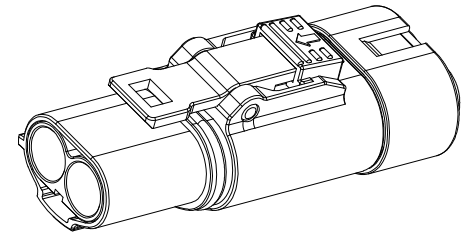
- 规格参数 (Spec.):
1. 工作温度 Operating temperature: -40° C~+125° C.
 2. 额定电流 Current rating (connector only):
2.5mm²: 25A, 4mm²: 40A

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



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		
E	--	--	--	Updated Spec.		11/08/16	SW	TS		
F	--	--	--	Add Suggestion For Mounting and Installation		06/28/17	JL	JG		
G	--	--	--	Add rating current		02/07/18	YM	JG		
H	--	--	--	Updated Spec.		08/24/18	Fred	JL		



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

		Amphenol Technical Products International Asia.				PART NAME: PwrLok 4mm 2POS Plug Conn	
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET 1 OF 2	幅面 SIZE A3	版次 REV. H	比例 SCALE	DWG NO: PL182-60
签名 SIGNATURE Fred		日期 DATE 08/24/18		UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: Ø PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20		Angles ±1°	
制图 DRAWN Fred		审核 CHECKED		批准 APPROVAL			