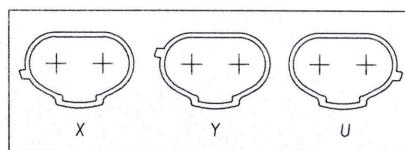
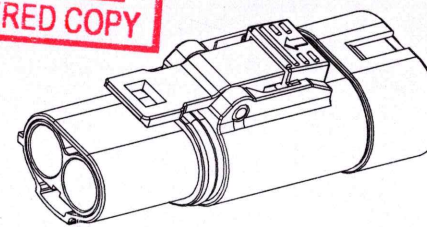
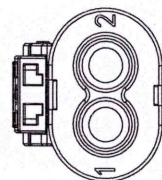
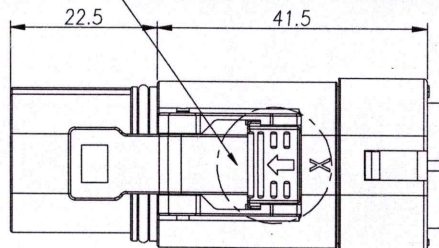
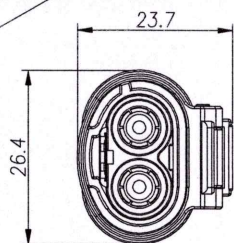
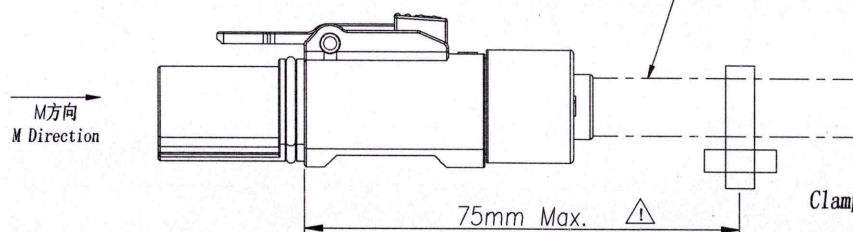
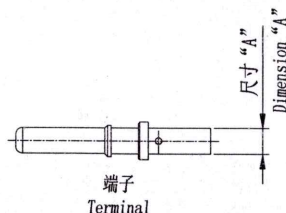


Customer Drawing

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

REV		ZONE	ECO	REVISIONS		
				DESCRIPTION	DATE	BY APPR
A	--	--	--	INITIAL RELEASE	06/15/20	Steven JL
B	--	--	--	修改对配连接器型号, 4mm ² 尺寸A.	09/15/20	Fred JL

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.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (connector only):
2.5mm²: 25A, 4mm²: 40A
- 额定电压 Operating voltage: 1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC.
- 防护等级 Protection class: IP67 & IP2X.
- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle: 100 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).
- 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	B
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								

Standard Part List (With HVIL) 带高压互锁

P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Rcpt Model NO.
AC-HA016151	PL182X-61-2.5B	5.0~5.4mm	Ø4.50mm	PL082X-61-2.5B
AC-HA016152	PL182Y-61-2.5B			PL082Y-61-2.5B
AC-HA016153	PL182U-61-2.5B			PL082U-61-2.5B
AC-HA016154	PL182X-61-4B	5.6~6.0mm	△ Ø5.20mm	PL082X-61-4B
AC-HA016155	PL182Y-61-4B			PL082Y-61-4B
AC-HA016156	PL182U-61-4B			PL082U-61-4B

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-HA016139	PL182X-60-2.5B	5.0~5.4mm	Ø4.50mm	PL082X-60-2.5B
AC-HA016140	PL182Y-60-2.5B			PL082Y-60-2.5B
AC-HA016141	PL182U-60-2.5B			PL082U-60-2.5B
AC-HA016142	PL182X-60-4B	5.6~6.0mm	△ Ø5.20mm	PL082X-60-4B
AC-HA016143	PL182Y-60-4B			PL082Y-60-4B
AC-HA016144	PL182U-60-4B			PL082U-60-4B

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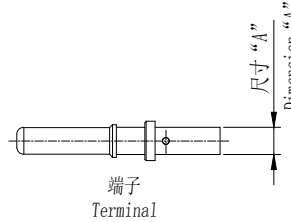
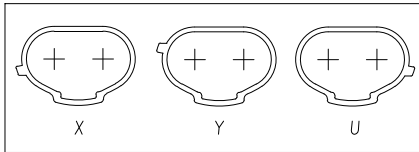
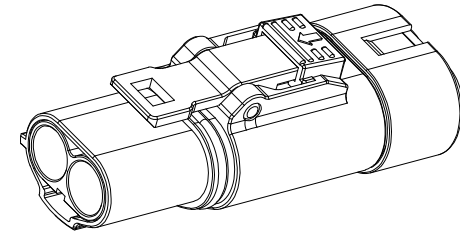
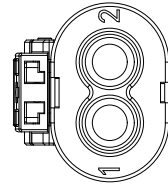
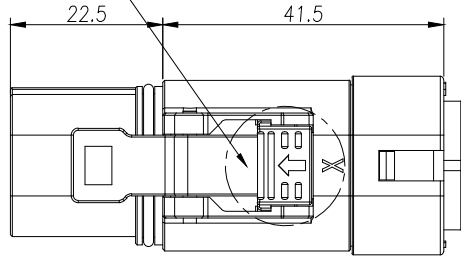
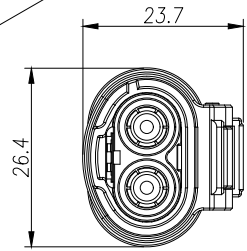
Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 4mm 2POS Plug Conn
1 of 2	A3	B			
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN	Fred	1) All dimensions are in metric (mm).			PL182(X)-6(1)-(4)B
审核 CHECKED	Steven	2) Tolerances are as follows:			CUST PART #:
批准 APPROVAL	Steven	0 PL DEC ±1.00			N/A
		1 PL DEC ±0.50			CUST REV.
		2 PL DEC ±0.20			-
		Angles ±1°			

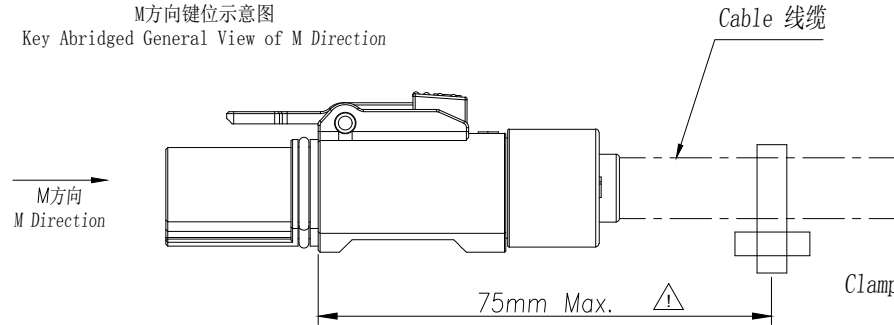
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6		7		8		
REV		ZONE	ECO	DESCRIPTION	DATE	BY
A		--	--	INITIAL RELEASE	06/15/20	Steven
B		--	--	修改对连接器型号, 4mm ² 尺寸A.	09/15/20	Fred

Customer Drawing



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



Note:

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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

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键位及颜色 Key & Color			高压互锁 HVIL			线缆大小 Cable Size		
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AC-HA016153	PL182U-61-2.5B			PL082U-61-2.5B
AC-HA016154	PL182X-61-4B	5.6~6.0mm	ø5.20mm	PL082X-61-4B
AC-HA016155	PL182Y-61-4B			PL082Y-61-4B
AC-HA016156	PL182U-61-4B			PL082U-61-4B

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

P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Rcpt Model NO.
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AC-HA016140	PL182Y-60-2.5B			PL082Y-60-2.5B
AC-HA016141	PL182U-60-2.5B			PL082U-60-2.5B
AC-HA016142	PL182X-60-4B	5.6~6.0mm	ø5.20mm	PL082X-60-4B
AC-HA016143	PL182Y-60-4B			PL082Y-60-4B
AC-HA016144	PL182U-60-4B			PL082U-60-4B

AMPHENOL		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: PwrLok 4mm 2POS Plug Conn	
1 OF 2		A3	B	UNLESS OTHERWISE SPECIFIED		DWG NO: PL182(X)-6(1)-(4)B	
签名 SIGNATURE		日期 DATE		1) All dimensions are in metric(mm).		CUST PART #:	
制图 DRAWN		Fred		2) Tolerances are as follows:		N/A	
审核 CHECKED				0 PL DEC ±1.00		CUST REV.	
批准 APPROVAL				1 PL DEC ±0.50		-	
				2 PL DEC ±0.20			
				Angles ±1°			