

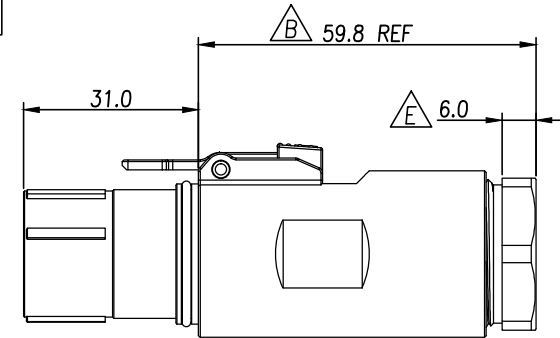
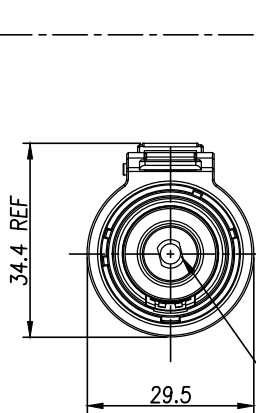
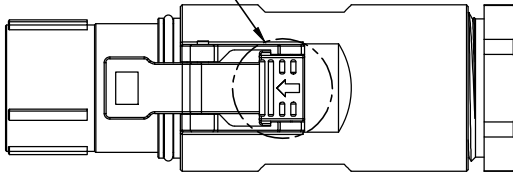
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Customer Drawing

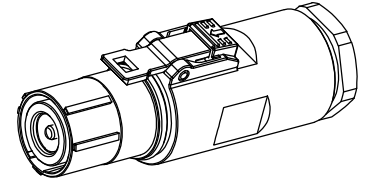
订购信息 Ordering Information

△ 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	"70"=70mm ²
"Y", 黑色 Black	1, 带互锁 With HVIL	"50"=50mm ²
"U", 黄色 Yellow		"35"=35mm ²
"V", 绿色 Green		
"W", 红色 Red		
"T", 蓝色 Blue		

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



防触摸塑料盖
Touch Proof Pin



P/N	Model NO.	Accepted Wire OD
AC-HA000815	PL18X-301-35	14.5±0.5
AC-HA000816	PL18Y-301-35	
AC-HA000817	PL18U-301-35	
AC-HA000818	PL18V-301-35	
AC-HA000819	PL18W-301-35	
AC-HA001283	PL18T-301-35	17.0±0.5
AC-HA000820	PL18X-301-50	
AC-HA000821	PL18Y-301-50	
AC-HA000822	PL18U-301-50	
AC-HA000823	PL18V-301-50	
AC-HA000824	PL18W-301-50	19.5±0.5
AC-HA001284	PL18T-301-50	
AC-HA000825	PL18X-301-70	
AC-HA000826	PL18Y-301-70	
AC-HA000827	PL18U-301-70	
AC-HA000828	PL18V-301-70	
AC-HA000829	PL18W-301-70	
AC-HA001285	PL18T-301-70	

P/N	Model NO.	Accepted Wire OD
AC-HA000830	PL18X-300-35	14.5±0.5
AC-HA000831	PL18Y-300-35	
AC-HA000832	PL18U-300-35	
AC-HA000833	PL18V-300-35	
AC-HA000834	PL18W-300-35	
AC-HA001286	PL18T-300-35	17.0±0.5
AC-HA000835	PL18X-300-50	
AC-HA000836	PL18Y-300-50	
AC-HA000837	PL18U-300-50	
AC-HA000838	PL18V-300-50	
AC-HA000839	PL18W-300-50	19.5±0.5
AC-HA001287	PL18T-300-50	
AC-HA000840	PL18X-300-70	
AC-HA000841	PL18Y-300-70	
AC-HA000842	PL18U-300-70	
AC-HA000843	PL18V-300-70	
AC-HA000844	PL18W-300-70	
AC-HA001288	PL18T-300-70	

规格参数 (Spec.):

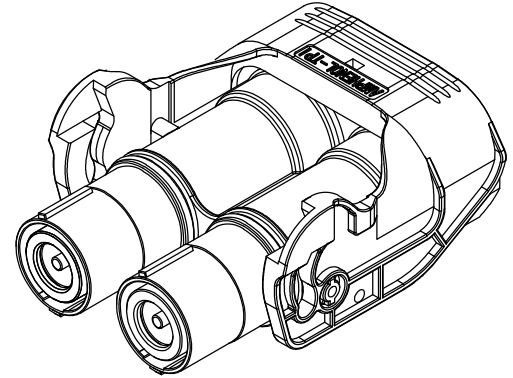
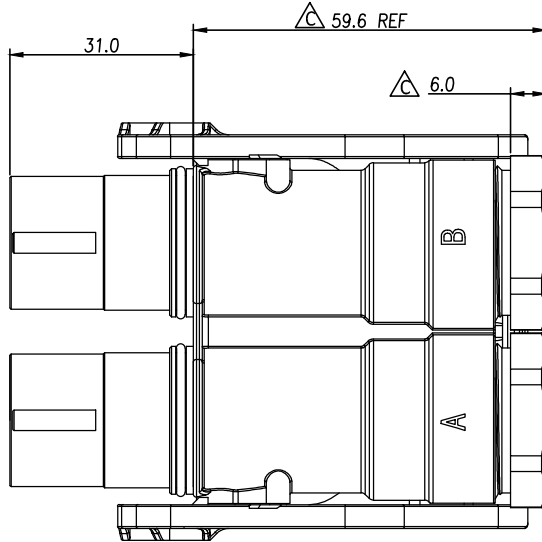
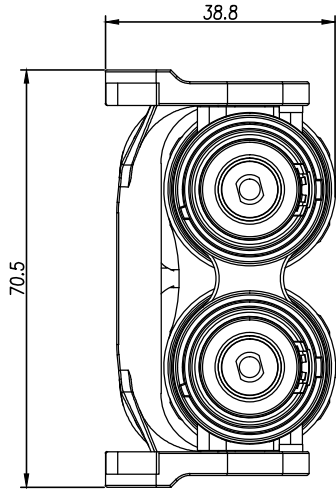
- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 300 A.
- 额定电压 Operating voltage: 1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC.
- 防护等级 Protection class: IP67 & IP2X.
- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle: 500 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle: See drawing "PL00-300"

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
1	--	--	INITIAL RELEASE	12/04/13	RW EC
A	--	--	Add P/N List	06/20/14	RW EC
B	--	--	Change Spec.	09/10/14	RW EC
C	--	--	Change The Color of Press Key, Add New P/N	03/03/15	RW EC
D	--	--	Add Touch Proof Pin & New P/N, Change DWG NO.	05/05/15	RW EC
E	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW GX

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: PowerLok 10mm 1POS Plug Assy
		1 of 1	A3	E		
签名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN		RW	1) All dimensions are in metric (mm).			PL18-300
审核 CHECKED		GX	2) Tolerances are as follows:			CUST PART #:
批准 APPROVAL		EC	0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20			N/A
			Angles ±1°			CUST REV. -

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Customer Drawing



订购信息 Ordering Information

PL18	2	X	-	30	1	-	70
键位及颜色 Key		高压互锁 HVIL		线缆大小 Cable Size			
"X" Key		0, 不带互锁 No HVIL		"70"=70mm ²			
"Y" Key		1, 带互锁 With HVIL		"50"=50mm ²			
				"35"=35mm ²			

规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 300 A.
- 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: 500 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).
- 对插座见图纸 Mating receptacle see drawing: PL082-300.

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
A	--	--	Updated	07/04/14	RW EC
B	--	--	Add Touch Proof Pin	05/05/15	RW EC
C	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW EC

Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA000775	PL182X-301-35	X
AC-HA000776	PL182Y-301-35	Y
AC-HA000777	PL182X-301-50	X
AC-HA000778	PL182Y-301-50	Y
AC-HA000779	PL182X-301-70	X
AC-HA000780	PL182Y-301-70	Y

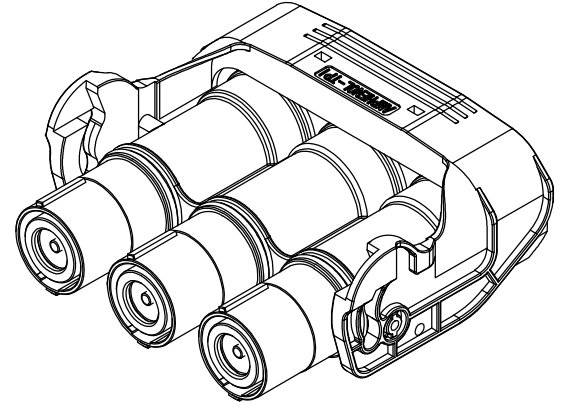
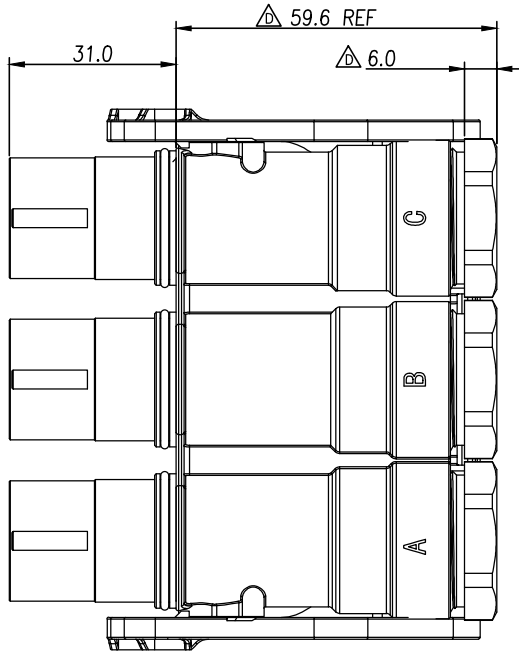
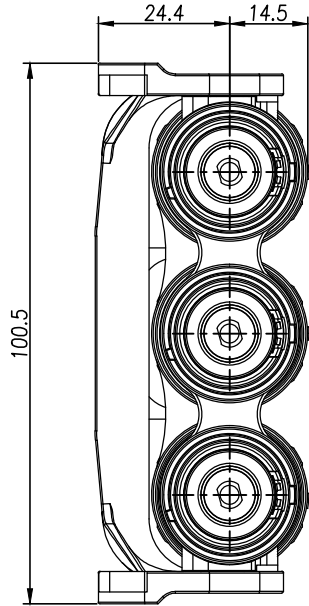
Standard Part List (Without HVIL)

P/N	Model NO.	Polarization
AC-HA000787	PL182X-300-35	X
AC-HA000788	PL182Y-300-35	Y
AC-HA000789	PL182X-300-50	X
AC-HA000790	PL182Y-300-50	Y
AC-HA000791	PL182X-300-70	X
AC-HA000792	PL182Y-300-70	Y

AMPHENOL TP		Amphenol Technical Products International GZ					
		第三角投影 THIRD ANGLE PROJECTION	頁 面 SHEET	幅 面 SIZE	版 次 REV.	比 例 SCALE	PART NAME: PwrLok 10mm 2POS Plug Conn
			1 of 1	A3	C		
簽 名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:	PL182-300
制 圖 DRAWN	RW	02/28/14	1) All dimensions are in metric (mm). 2) Tolerances are as follows:			CUST PART #:	N/A
审 核 CHECKED	GX	02/28/14	0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20				
批 准 APPROVAL	EC	02/28/14	Angles ±1°				
						CUST REV.	-

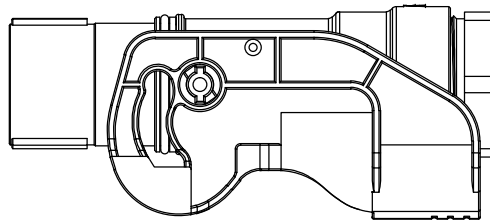
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Customer Drawing



订购信息 Ordering Information

PL18	3	X	-	30	1	-	70
键位及颜色 Key		高压互锁 HVIL		线缆大小 Cable Size			
"X" Key		0, 不带互锁 No HVIL		"70"=70mm ²			
"Y" Key		1, 带互锁 With HVIL		"50"=50mm ²			
				"35"=35mm ²			



规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 300 A.
- 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: 50 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	03/13/14	RW	EC
B	--	--	Updated	07/04/14	RW	EC
C	--	--	Add Touch Proof Pin	05/05/15	RW	EC
D	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW	EC

Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA001108	PL183X-301-35	X
AC-HA001109	PL183Y-301-35	Y
AC-HA001110	PL183X-301-50	X
AC-HA001111	PL183Y-301-50	Y
AC-HA001112	PL183X-301-70	X
AC-HA001113	PL183Y-301-70	Y

Standard Part List (With Out HVIL)

P/N	Model NO.	Polarization
AC-HA001114	PL183X-300-35	X
AC-HA001115	PL183Y-300-35	Y
AC-HA001116	PL183X-300-50	X
AC-HA001117	PL183Y-300-50	Y
AC-HA001118	PL183X-300-70	X
AC-HA001119	PL183Y-300-70	Y

AMPHENOL TP		Amphenol Technical Products International GZ					
		第三角投影 THIRD ANGLE PROJECTION	頁 面 SHEET	幅 面 SIZE	版 次 REV.	比 例 SCALE	PART NAME:
			1 of 1	A3	D		PwrLok 10mm 3POS Plug Conn
簽 名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:	
制 图 DRAWN	RW	03/13/14	1) All dimensions are in metric(mm).			PL183-300	
审 核 CHECKED	GX	03/13/14	2) Tolerances are as follows:				
批 准 APPROVAL	EC	03/13/14	0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20 Angles ±1°				
						CUST PART #:	
						N/A	
						CUST REV.	
						-	