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Customer Drawing

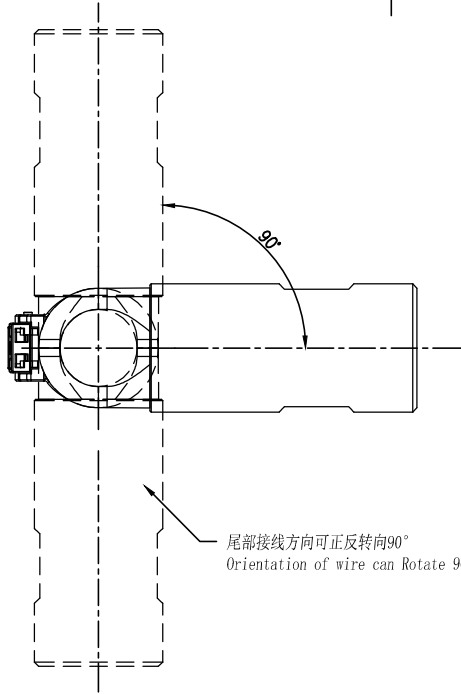
订购信息 Ordering Information

PL28	X	-	30	1	-	70
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						

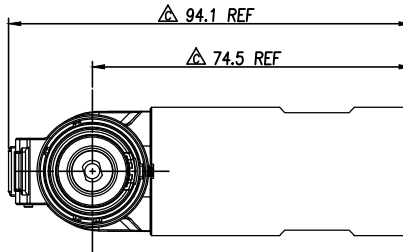
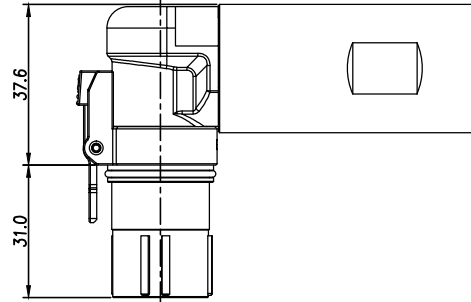
按键颜色见“订购信息”
The color of press key see “Ordering Information”

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.
- 尾部接线方向可正反转向90° Rotate function of wire.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle : See drawing “PL00-300”

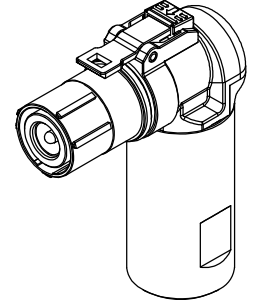


尾部接线方向可正反转向90°
Orientation of wire can Rotate 90 Degrees



REVISIONS

REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	Add P/N List	06/20/14	RW	EC
B	--	--	Add Touch Proof Pin	10/30/14	RW	EC
C	--	--	Increase Length, Cancel Touch Proof Pin	01/30/15	RW	EC
D	--	--	Change The Color of Press Key, Add New P/N	03/03/15	RW	EC
E	--	--	Add Touch Proof Pin & New P/N,Change DWG NO.	04/28/15	RW	EC



P/N	Model NO.	Accepted Wire OD
AC-HA000845	PL28X-301-35	14.5±0.5
AC-HA000846	PL28Y-301-35	
AC-HA000847	PL28U-301-35	
AC-HA000848	PL28V-301-35	
AC-HA000849	PL28W-301-35	
AC-HA001289	PL28T-301-35	
AC-HA000850	PL28X-301-50	17.0±0.5
AC-HA000851	PL28Y-301-50	
AC-HA000852	PL28U-301-50	
AC-HA000853	PL28V-301-50	
AC-HA000854	PL28W-301-50	
AC-HA001290	PL28T-301-50	
AC-HA000855	PL28X-301-70	19.5±0.5
AC-HA000856	PL28Y-301-70	
AC-HA000857	PL28U-301-70	
AC-HA000858	PL28V-301-70	
AC-HA000859	PL28W-301-70	
AC-HA001291	PL28T-301-70	

P/N	Model NO.	Accepted Wire OD
AC-HA000860	PL28X-300-35	14.5±0.5
AC-HA000861	PL28Y-300-35	
AC-HA000862	PL28U-300-35	
AC-HA000863	PL28V-300-35	
AC-HA000864	PL28W-300-35	
AC-HA001292	PL28T-300-35	
AC-HA000865	PL28X-300-50	17.0±0.5
AC-HA000866	PL28Y-300-50	
AC-HA000867	PL28U-300-50	
AC-HA000868	PL28V-300-50	
AC-HA000869	PL28W-300-50	
AC-HA003528	PL28T-300-50	
AC-HA000870	PL28X-300-70	19.5±0.5
AC-HA000871	PL28Y-300-70	
AC-HA000872	PL28U-300-70	
AC-HA000873	PL28V-300-70	
AC-HA000874	PL28W-300-70	
AC-HA003529	PL28T-300-70	

AMPHENOL



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 10mm-90 1POS Plug Assy

签名 SIGNATURE

日期 DATE

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

DWG NO:

PL28-300

CUST PART #:

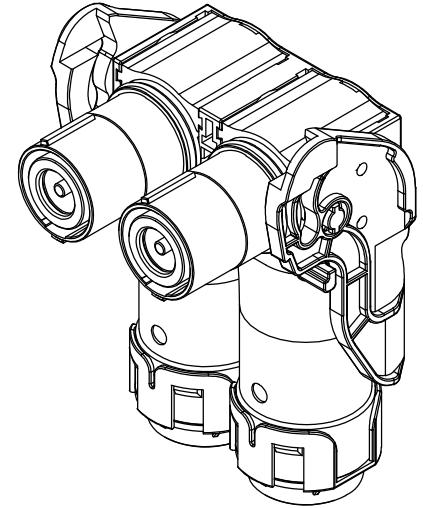
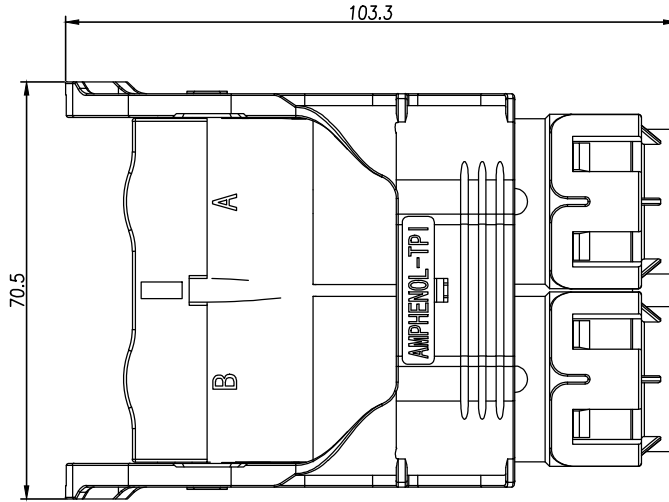
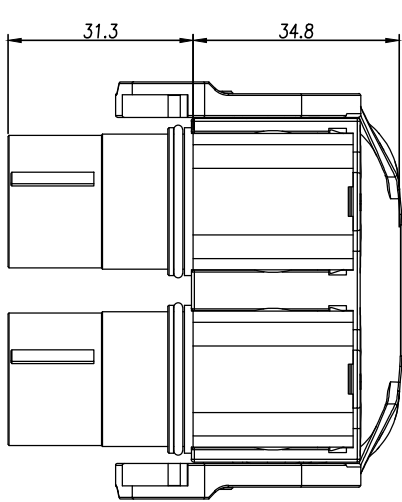
N/A

CUST REV.

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Customer Drawing



订购信息 Ordering Information

PL28 2 X - 30 1 - 70

键位及颜色 Key

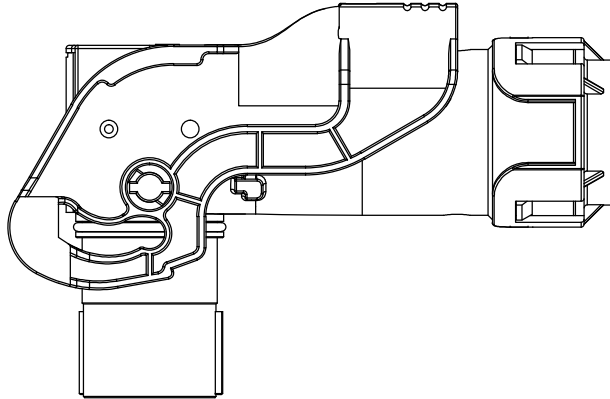
"X" Key
"Y" Key

高压互锁 HVIL

0, 不带互锁 No HVIL
1, 带互锁 With HVIL

线缆大小 Cable Size

"70"=70mm²
"50"=50mm²
"35"=35mm²



Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA000781	PL282X-301-35	X
AC-HA000782	PL282Y-301-35	Y
AC-HA000783	PL282X-301-50	X
AC-HA000784	PL282Y-301-50	Y
AC-HA000785	PL282X-301-70	X
AC-HA000786	PL282Y-301-70	Y

Standard Part List (Without HVIL)

P/N	Model NO.	Polarization
AC-HA000793	PL282X-300-35	X
AC-HA000794	PL282Y-300-35	Y
AC-HA000795	PL282X-300-50	X
AC-HA000796	PL282Y-300-50	Y
AC-HA000797	PL282X-300-70	X
AC-HA000798	PL282Y-300-70	Y

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).

AMPHENOL



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 10mm-90 2POS Plug Conn

签名 SIGNATURE
制图 DRAWN
审核 CHECKED
批准 APPROVAL

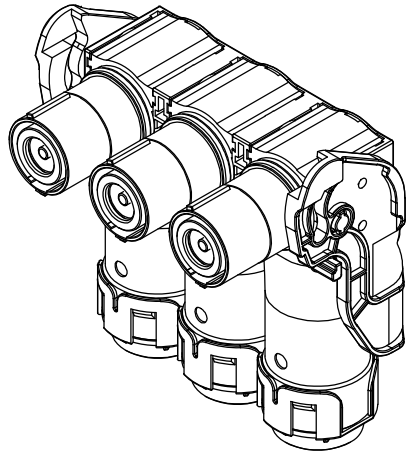
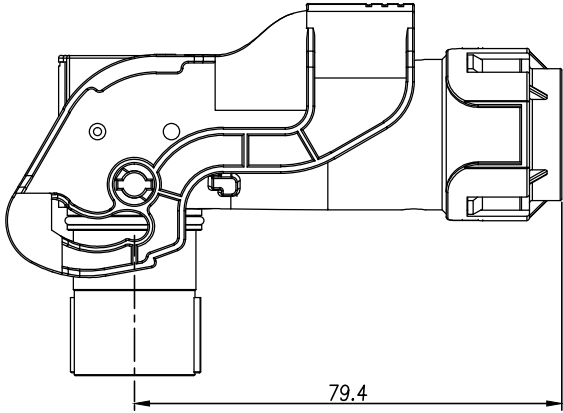
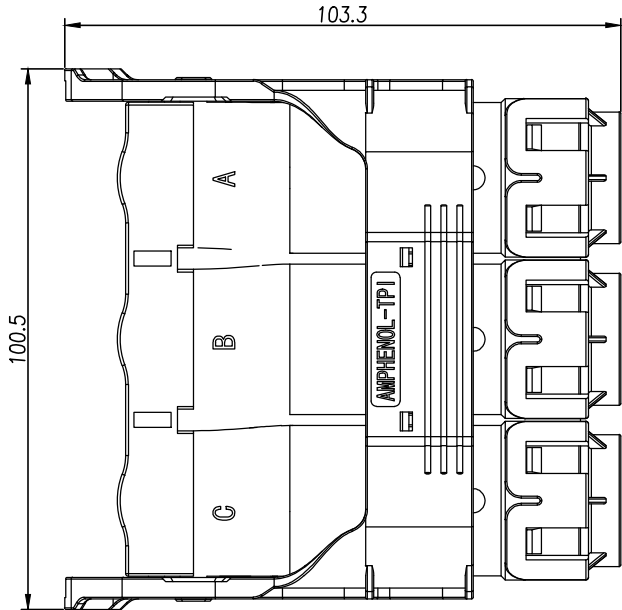
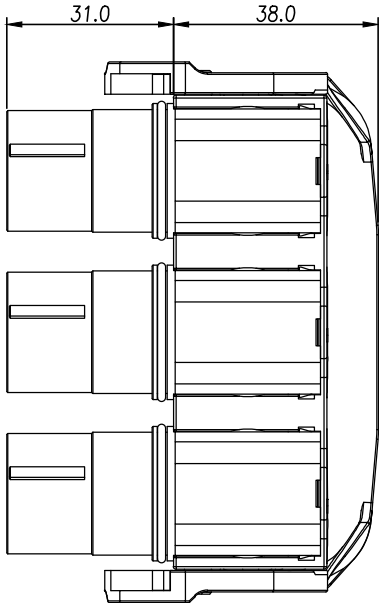
日期 DATE
02/28/14
02/28/14
02/28/14

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°

DWG NO:
PL282-300
CUST PART #:
N/A
CUST REV.
-

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Customer Drawing



订购信息 Ordering Information

PL28	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).

REV			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

Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA001120	PL283X-301-35	X
AC-HA001121	PL283Y-301-35	Y
AC-HA001122	PL283X-301-50	X
AC-HA001123	PL283Y-301-50	Y
AC-HA001124	PL283X-301-70	X
AC-HA001125	PL283Y-301-70	Y

Standard Part List (With Out HVIL)

P/N	Model NO.	Polarization
AC-HA001126	PL283X-300-35	X
AC-HA001127	PL283Y-300-35	Y
AC-HA001128	PL283X-300-50	X
AC-HA001129	PL283Y-300-50	Y
AC-HA001130	PL283X-300-70	X
AC-HA001131	PL283Y-300-70	Y

AMPHENOL TPJ		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:
			1 of 1	A3	C		PwrLok 10mm-90 3POS Plug Conn
签名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED				DWG NO:
制图 DRAWN	RW	03/13/14	1) All dimensions are in metric(mm).				PL283-300
审核 CHECKED	GX	03/13/14	2) Tolerances are as follows:				CUST PART #:
批准 APPROVAL	EC	03/13/14	0 PL DEC ±1.00				N/A
			1 PL DEC ±0.50				CUST REV.
			2 PL DEC ±0.20				-
			Angles ±1°				