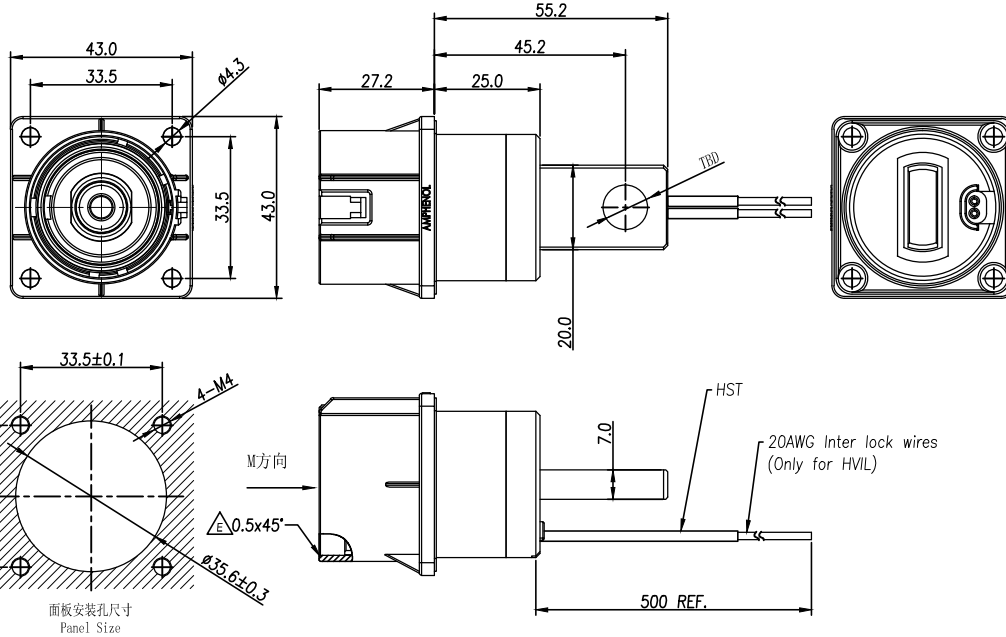


THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

Customer Drawing



规格参数 (Spec.):

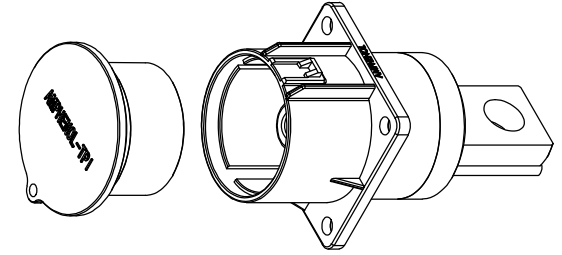
- 工作温度 Operating temperature:
-40° C~+125° C.
- 带高压互锁 Electrical interlock (HVIL).
- 额定电流 Current rating:
Power: 400A; HVIL: 5A.
- 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
- 耐电压 Dielectric withstanding voltage:
 - 与插头对插后, Pin与铁壳之间
After mating, between pin and metal shell :5000 VDC.
 - 与插头对插后, Pin与HVIL之间
After mating, between pin and HVIL :5000 VDC.
 - 与插头对插后, HVIL与铁壳之间
After mating, between HVIL and metal shell :500 VDC.
 - 与插头对插前, 两个HVIL端子之间耐压
Before mating, between two HVIL terminals :500 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.
- 铜排推荐安装扭矩 Recommended Fasten Torque on Lug:
M6 : 3.6~4.4 Nm
M8 : 7.2~8.8 Nm
M10: 17.1~20.9 Nm
- 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 1.6~2.4 Nm

订购信息 Ordering Information

PL00	X	-	40	0	-	10	D	10
键位及颜色 Key & Color		高压互锁 HVIL		孔种类 Hole Type		联接螺栓 Bolt Size		
"X", 橙色 Orange		0, 不带互锁 No HVIL		D, 通孔 Through Hole		Customer Define		
"Y", 黑色 Black		1, 带互锁 With HVIL		M, 螺纹孔 Screw Hole				
"U", 黄色 Yellow								
"V", 绿色 Green								
"W", 红色 Red								

REVISIONS

REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	04/22/15	RW	EC
D	--	--	Change HVIL Wire, Update Spec.	03/31/16	RW	TS
E	--	--	增加倒角标注	01/16/17	SW	TS



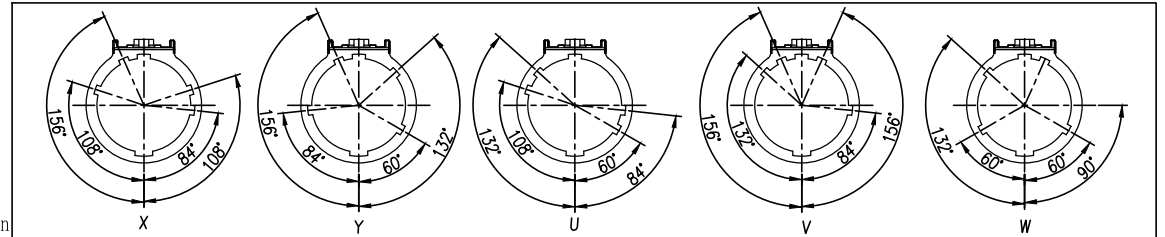
Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA002721	PL00X-401-10M10	X
AC-HA002722	PL00Y-401-10M10	Y
AC-HA002723	PL00U-401-10M10	U
AC-HA002724	PL00V-401-10M10	V
AC-HA002725	PL00W-401-10M10	W
AC-HA002731	PL00X-401-10D10	X
AC-HA002732	PL00Y-401-10D10	Y
AC-HA002733	PL00U-401-10D10	U
AC-HA002734	PL00V-401-10D10	V
AC-HA002735	PL00W-401-10D10	W
AC-HA002741	PL00X-401-10D8	X
AC-HA002742	PL00Y-401-10D8	Y
AC-HA002743	PL00U-401-10D8	U
AC-HA002744	PL00V-401-10D8	V
AC-HA002745	PL00W-401-10D8	W
AC-HA002751	PL00X-401-10M8	X
AC-HA002752	PL00Y-401-10M8	Y
AC-HA002753	PL00U-401-10M8	U
AC-HA002754	PL00V-401-10M8	V
AC-HA002755	PL00W-401-10M8	W

Standard Part List (Without HVIL)

P/N	Model NO.	Polarization
AC-HA002716	PL00X-400-10M10	X
AC-HA002717	PL00Y-400-10M10	Y
AC-HA002718	PL00U-400-10M10	U
AC-HA002719	PL00V-400-10M10	V
AC-HA002720	PL00W-400-10M10	W
AC-HA002726	PL00X-400-10D10	X
AC-HA002727	PL00Y-400-10D10	Y
AC-HA002728	PL00U-400-10D10	U
AC-HA002729	PL00V-400-10D10	V
AC-HA002730	PL00W-400-10D10	W
AC-HA002736	PL00X-400-10D8	X
AC-HA002737	PL00Y-400-10D8	Y
AC-HA002738	PL00U-400-10D8	U
AC-HA002739	PL00V-400-10D8	V
AC-HA002740	PL00W-400-10D8	W
AC-HA002746	PL00X-400-10M8	X
AC-HA002747	PL00Y-400-10M8	Y
AC-HA002748	PL00U-400-10M8	U
AC-HA002749	PL00V-400-10M8	V
AC-HA002750	PL00W-400-10M8	W

M方向键位示意图



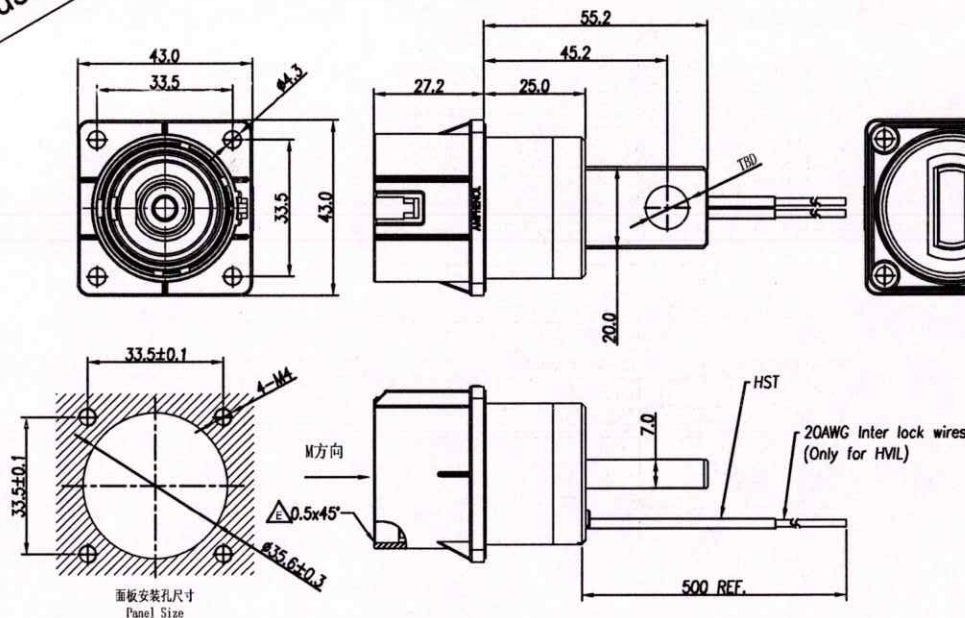
AMPHENOL



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 12mm 1POS Rept Lug	
1 of 1		A3	E			DWG NO: PL00-400-10	
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		CUST PART #:	
制图 DRAWN		RW		04/22/15		N/A	
审核 CHECKED		GX		04/22/15		CUST REV.	
批准 APPROVAL		EC		04/22/15		-	

Customer Drawing



面板安装孔尺寸
Panel Size

规格参数 (Spec.):

- 工作温度 Operating temperature:
-40° C ~ +125° C.
- 带高压互锁 Electrical interlock (HVL).
- 额定电流 Current rating:
Power: 400A; HVL: 5A.
- 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
- 耐电压 Dielectric withstanding voltage:
A. 与插头对插后, Pin与铁壳之间
After mating, between pin and metal shell :5000 VDC.
B. 与插头对插后, Pin与HVL之间
After mating, between pin and HVL :5000 VDC.
C. 与插头对插后, HVL与铁壳之间
After mating, between HVL and metal shell :500 VDC.
D. 与插头对插前, 两个HVL端子之间耐压
Before mating, between two HVL terminals :500 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.
- 铜排推荐安装扭矩 Recommended Fasten Torque on Lug:
M6 : 3.6~4.4 Nm
M8 : 7.2~8.8 Nm
M10: 17.1~20.9 Nm
- 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 1.6~2.4 Nm

Amphenol TPI

2018-08-23

REGISTERED COPY

订购信息 Ordering Information

PL00 X	40	0	10	D	10
键位及颜色 Key & Color	高压互锁 HVIL	孔种类 Hole Type	联接螺栓 Bolt Size		
"X", 橙色 Orange	0, 不带互锁 No HVIL	D, 通孔 Through Hole	Customer Define		
"Y", 黑色 Black	1, 带互锁 With HVIL	M, 螺孔 Screw Hole			
"U", 黄色 Yellow					
"V", 绿色 Green					
"W", 红色 Red					

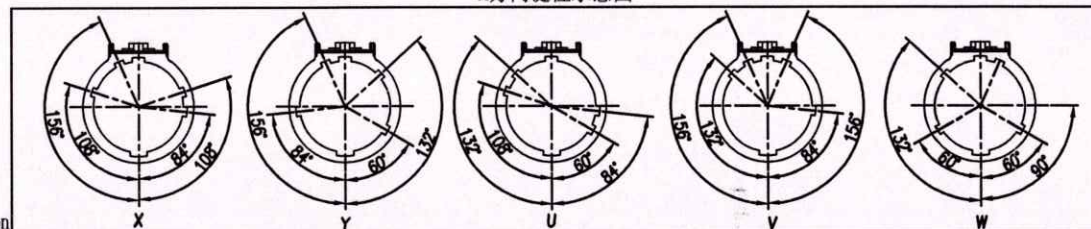
Standard Part List (With HVL)

P/N	Model NO.	Polarization
AC-HA002721	PL00X-401-10M10	X
AC-HA002722	PL00Y-401-10M10	Y
AC-HA002723	PL00U-401-10M10	U
AC-HA002724	PL00V-401-10M10	V
AC-HA002725	PL00W-401-10M10	W
AC-HA002731	PL00X-401-10D10	X
AC-HA002732	PL00Y-401-10D10	Y
AC-HA002733	PL00U-401-10D10	U
AC-HA002734	PL00V-401-10D10	V
AC-HA002735	PL00W-401-10D10	W
AC-HA002741	PL00X-401-10D8	X
AC-HA002742	PL00Y-401-10D8	Y
AC-HA002743	PL00U-401-10D8	U
AC-HA002744	PL00V-401-10D8	V
AC-HA002745	PL00W-401-10D8	W
AC-HA002751	PL00X-401-10M8	X
AC-HA002752	PL00Y-401-10M8	Y
AC-HA002753	PL00U-401-10M8	U
AC-HA002754	PL00V-401-10M8	V
AC-HA002755	PL00W-401-10M8	W

Standard Part List (Without HVL)

P/N	Model NO.	Polarization
AC-HA002716	PL00X-400-10M10	X
AC-HA002717	PL00Y-400-10M10	Y
AC-HA002718	PL00U-400-10M10	U
AC-HA002719	PL00V-400-10M10	V
AC-HA002720	PL00W-400-10M10	W
AC-HA002726	PL00X-400-10D10	X
AC-HA002727	PL00Y-400-10D10	Y
AC-HA002728	PL00U-400-10D10	U
AC-HA002729	PL00V-400-10D10	V
AC-HA002730	PL00W-400-10D10	W
AC-HA002736	PL00X-400-10D8	X
AC-HA002737	PL00Y-400-10D8	Y
AC-HA002738	PL00U-400-10D8	U
AC-HA002739	PL00V-400-10D8	V
AC-HA002740	PL00W-400-10D8	W
AC-HA002746	PL00X-400-10M8	X
AC-HA002747	PL00Y-400-10M8	Y
AC-HA002748	PL00U-400-10M8	U
AC-HA002749	PL00V-400-10M8	V
AC-HA002750	PL00W-400-10M8	W

M方向键位示意图



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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	图号 DRAWING NO.
1 of 1	A3	E			PwrLok 12mm 1POS Rept Lug
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters. 2) Tolerances are as follows: 0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20 Angles ±1°			
制图 DRAWN	审核 CHECKED	批准 APPROVAL	日期 DATE	图号 DRAWING NO.	图号 DRAWING NO.
04/22/15	04/22/15	04/22/15	04/22/15	PL00-400-10	N/A