Customer Drawing

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	Add P/N List	06/20/14	RW	EC
E	--	--	Rear nut increase 1mm,reduced inner diameter	09/08/15	RW	GX
F	--	--	Change back shell	09/29/16	RW	TS
G	--	--	Add roting current	08/23/18	Fred	JL
H	--	--	Update Model	06/18/19	Steven	JL
I	--	--	Update Spec.	08/14/19	Fred	JL
J	--	--	Add Key View in M direction	02/22/22	Clay	JL
K	--	--	Add Dust Cover	11/25/22	DL	JL

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

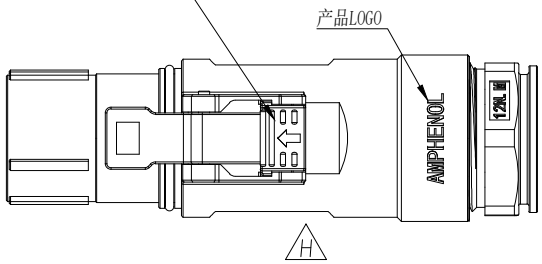
订购信息 Ordering Information

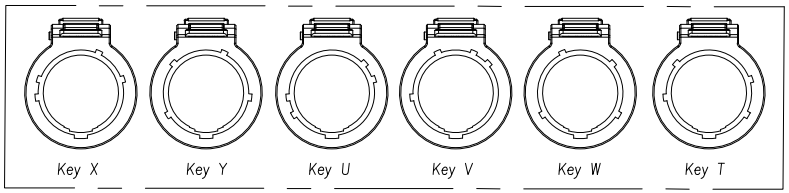
PL18 X - 30 1 - 70

△C 键位及颜色 Key & Color
- "X", 橙色 Orange
- "Y", 黑色 Black
- "U", 黄色 Yellow
- "V", 绿色 Green
- "W", 红色 Red
- "T", 蓝色 Blue

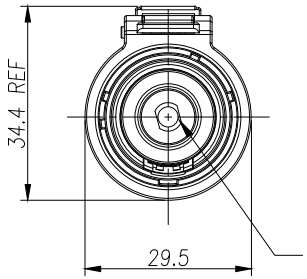
高压互锁 HVIL
- 0 ,不带互锁 No HVIL
- 1 ,带互锁 With HVIL

线缆大小 Cable Size
- "70"=70mm²
- "50"=50mm²
- "35"=35mm²

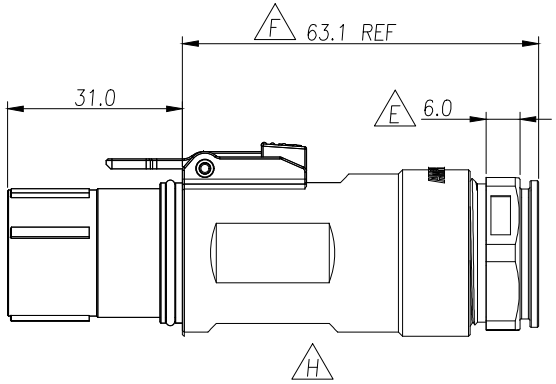




△J M方向键位示意图
Key View in M direction



M方向

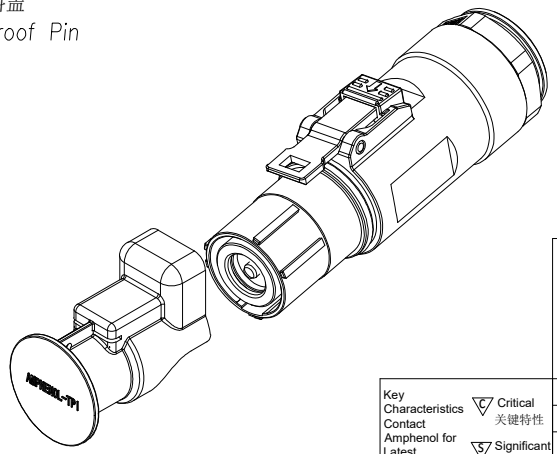


防触摸塑料盖
Touch Proof Pin

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	
AC-HA000820	PL18X-301-50	17.0±0.5
AC-HA000821	PL18Y-301-50	
AC-HA000822	PL18U-301-50	
AC-HA000823	PL18V-301-50	
AC-HA000824	PL18W-301-50	
AC-HA001284	PL18T-301-50	
AC-HA000825	PL18X-301-70	19.5±0.5
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	
AC-HA000835	PL18X-300-50	17.0±0.5
AC-HA000836	PL18Y-300-50	
AC-HA000837	PL18U-300-50	
AC-HA000838	PL18V-300-50	
AC-HA000839	PL18W-300-50	
AC-HA001287	PL18T-300-50	
AC-HA000840	PL18X-300-70	19.5±0.5
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.):
1. 工作温度 Operating temperature: -40° C～+125° C.
2. 额定电流 Current rating(Connector Only):
35mm²:150A; 50mm²:200A; 70mm²:250A . △G
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. △I
8. 带自动二次锁扣 Automatic secondary lock.
9. 带高压互锁 Electrical interlock (HVIL).
10. 配对插座 Mating receptacle : See drawing "PL00-300"



Key Characteristics Contact Amphenol for Latest Definition
▽ Critical 关键特性
▽ Significant 重要特性

AMPHENOL TPI

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
	1 OF 1	A3	K	

PART NAME: PowerLok 10mm 1POS Plug Assy

签名 SIGNATURE		日期 DATE
制图 DRAWN	DL	11/25/22
审核 CHECKED		
批准 APPROVAL		

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: PL18-300

CUST PART #: N/A

CUST REV.: -

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