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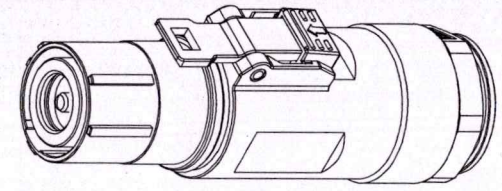
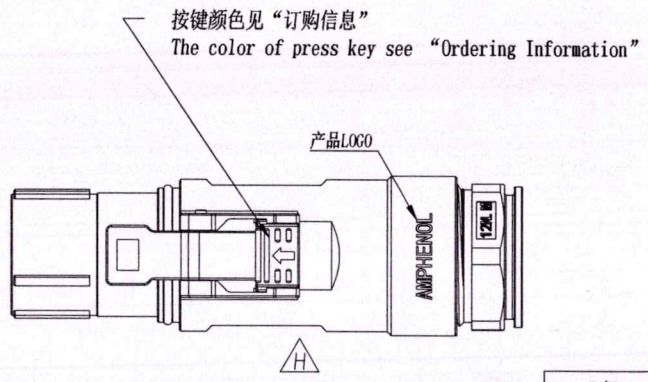
**Customer Drawing**

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 rating current	08/23/18	Fred	JL
H	---	---	Update Model	06/18/19	Steven	JL
I	---	---	Update Spec.	08/14/19	Fred	JL

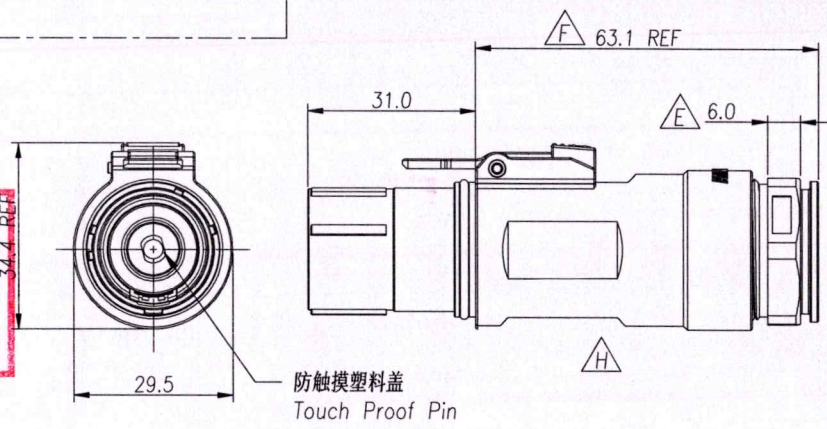
**订购信息 Ordering Information**

PL18 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 <sup>2</sup>
"Y", 黑色 Black	1, 带互锁 With HVIL	"50"=50mm <sup>2</sup>
"U", 黄色 Yellow		"35"=35mm <sup>2</sup>
"V", 绿色 Green		
"W", 红色 Red		
"T", 蓝色 Blue		



Amphenol TPI  
2019-12-09  
REGISTERED COPY



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	19.5±0.5
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	19.5±0.5
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):  
35mm<sup>2</sup>:150A; 50mm<sup>2</sup>:200A; 70mm<sup>2</sup>:250A.
  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. 配对插座 Mating receptacle: See drawing "PL00-300"

<b>AMPHENOL</b> <b>TPI</b>	<b>Amphenol Technical Products International GZ</b>				
	第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN	Fred	08/14/19	1) All dimensions are in metric (mm). 2) Tolerances are as follows:		
审核 CHECKED	Jiang	2019.12.07	1 PL DEC ±1.00 2 PL DEC ±0.50		
批准 APPROVAL	Jiang	2019.12.27	2 PL DEC ±0.20 Angles ±1°		
					CUST PART #: N/A
					CUST REV: -

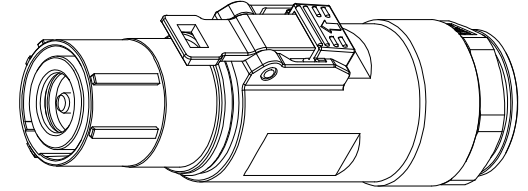
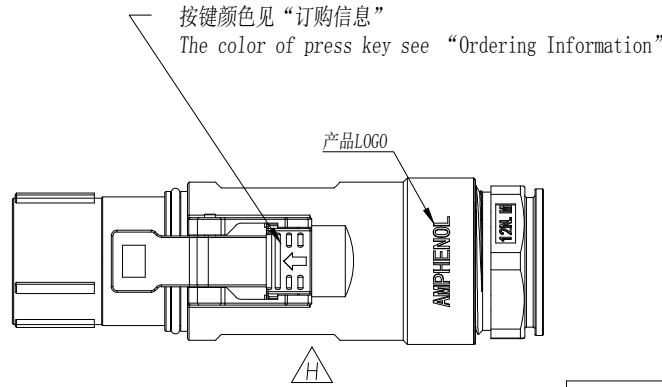
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Customer Drawing

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 rotating current		08/23/18	Fred	JL
H	--	--	--			Update Model		06/18/19	Steven	JL
I	--	--	--			Update Spec.		08/14/19	Fred	JL

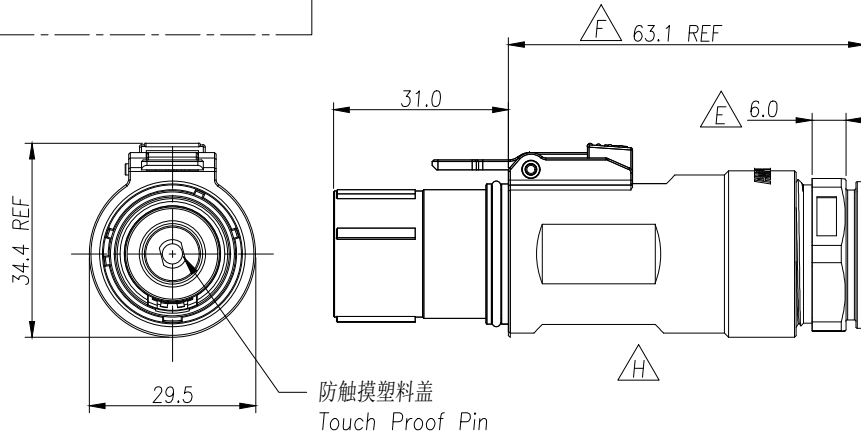
订购信息 Ordering Information

PL18	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 <sup>2</sup>				
"Y", 黑色 Black	1, 带互锁 With HVIL	"50"=50mm <sup>2</sup>				
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AC-HA000817	PL18U-301-35	
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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	19.5±0.5
AC-HA000844	PL18W-300-70	
AC-HA001288	PL18T-300-70	



规格参数 (Spec.):

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35mm<sup>2</sup>:150A; 50mm<sup>2</sup>:200A; 70mm<sup>2</sup>:250A.
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9. 带高压互锁 Electrical interlock (HVIL).
10. 配对插座 Mating receptacle : See drawing "PL00-300"

	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
签名 SIGNATURE Fred	日期 DATE 08/14/19	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: PL18-300	CUST PART #: N/A
制图 DRAWN Fred	审核 CHECKED	批准 APPROVAL	Angles ±1°		CUST REV. -	