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Customer Drawing

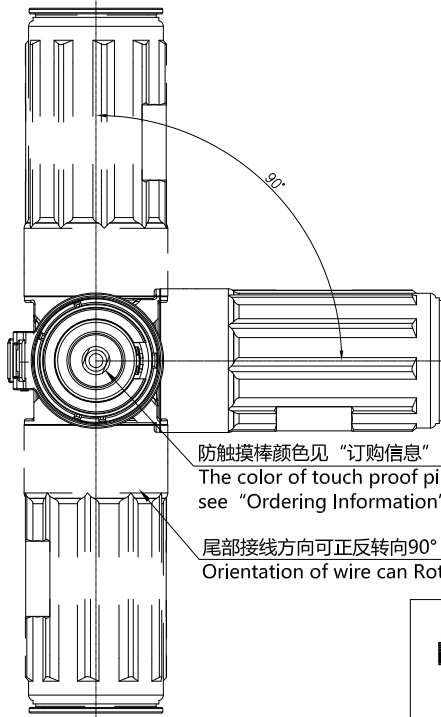
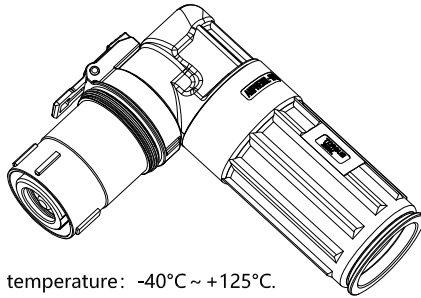
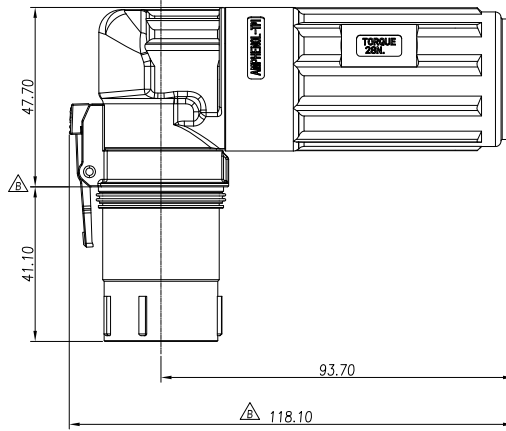
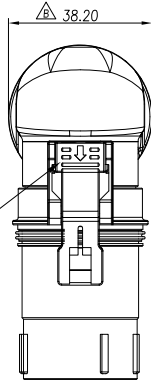
按键颜色见“订购信息”
The color of press key see
“Ordering Information”

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):
150mm²-500A. 120mm²-400A. 95mm² -300A. 70mm²-250A
- 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(Mating) & 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.尾部接线方向可正反转向90° Rotate function of wire.

备注(Note):

- 1、对应插座请参照图纸: PL00-500.
Mating Rcpt. refer to drawing: PL00-500.
- 2、安装前请阅读“组装式插头安装规范” .
Pls read "connector assemble specification"
before assembling.



防触摸棒颜色见“订购信息”
The color of touch proof pin
see “Ordering Information”

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

6		7		8	
REV		ZONE		ECO	
DESCRIPTION		DATE		BY	
A		---		---	
B		---		---	

订购信息 Ordering Information

PL28 X - 50 1 - 150 - 5

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

高压互锁 HVIL

0,不带互锁 No HVIL
1,带互锁 With HVIL

线缆大小 Cable Size

"150"=150mm²
"120"=120mm²
"95"=95mm²
"70"=70mm²

线缆类型 Cable type

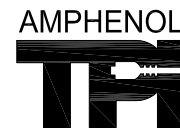
5=HS Cable

Standard Part List (With HVIL)

P/N	Model NO.	Cable OD
EX-HA006623	PL28X-501-150-5	24.9±0.5
EX-HA006624	PL28Y-501-150-5	
EX-HA006625	PL28U-501-150-5	
EX-HA006626	PL28V-501-150-5	
EX-HA006627	PL28W-501-150-5	
EX-HA006628	PL28X-501-120-5	22.6±0.4
EX-HA006629	PL28Y-501-120-5	
EX-HA006630	PL28U-501-120-5	
EX-HA006631	PL28V-501-120-5	
EX-HA006632	PL28W-501-120-5	
EX-HA006633	PL28X-501-95-5	19.9±0.4
EX-HA006634	PL28Y-501-95-5	
EX-HA006635	PL28U-501-95-5	
EX-HA006636	PL28V-501-95-5	
EX-HA006637	PL28W-501-95-5	
EX-HA006638	PL28X-501-70-5	17.0±0.3
EX-HA006639	PL28Y-501-70-5	
EX-HA006640	PL28U-501-70-5	
EX-HA006641	PL28V-501-70-5	
EX-HA006642	PL28W-501-70-5	

Standard Part List (Without HVIL)

P/N	Model NO.	Cable OD
EX-HA006677	PL28X-500-150-5	24.9±0.5
EX-HA006678	PL28Y-500-150-5	
EX-HA006679	PL28U-500-150-5	
EX-HA006680	PL28V-500-150-5	
EX-HA006681	PL28W-500-150-5	
EX-HA006682	PL28X-500-120-5	22.6±0.4
EX-HA006683	PL28Y-500-120-5	
EX-HA006684	PL28U-500-120-5	
EX-HA006685	PL28V-500-120-5	
EX-HA006686	PL28W-500-120-5	
EX-HA006687	PL28X-500-95-5	19.9±0.4
EX-HA006688	PL28Y-500-95-5	
EX-HA006689	PL28U-500-95-5	
EX-HA006690	PL28V-500-95-5	
EX-HA006691	PL28W-500-95-5	
EX-HA006692	PL28X-500-70-5	17.0±0.3
EX-HA006693	PL28Y-500-70-5	
EX-HA006694	PL28U-500-70-5	
EX-HA006695	PL28V-500-70-5	
EX-HA006696	PL28W-500-70-5	



Amphenol Technical Products International Asia.

第三角投影
THIRD ANGLE
PROJECTION

页面
SHEET

幅面
SIZE

版次
REV.

比例
SCALE

PART NAME:
PowerLok 14mm-90 Plug Conn

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:
PL28X-501-150-5
CUST PART #:
N/A
CUST REV.
-

Key Characteristics Contact
Amphenol for Latest Definition
Critical 关键特性
Significant 重要特性
签 名 SIGNATURE
制 图 DRAWN
审 核 CHECKED
批 准 APPROVAL

日期 DATE
05/30/23