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CUSTOMER DRAWING  
DRWC-000557

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Denghong	Richard	01/06/2021
A1		更換新圖框,正式版發行.	Denghong	Richard	07/30/2021
A2		修改備註第二條,增加額定電流的適用線徑.	Denghong	Richard	02/28/2022

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Standard part List(WITH HVIL)  
產品型號表(帶護鎖)


Model No.	JPC No.	Accepted Wire OD
TL28X-301-35	PCNTC112RC78-1	14.5±0.5
TL28Y-301-35	PCNTC212RC78-1	
TL28U-301-35	PCNTC312RC78-1	
TL28V-301-35	PCNTC412RC78-1	
TL28W-301-35	PCNTC512RC78-1	
TL28T-301-35	PCNTC612RC78-1	
TL28X-301-50	PCNTC113RC78-1	17.0±0.5
TL28Y-301-50	PCNTC213RC78-1	
TL28U-301-50	PCNTC313RC78-1	
TL28V-301-50	PCNTC413RC78-1	
TL28W-301-50	PCNTC513RC78-1	
TL28T-301-50	PCNTC613RC78-1	
TL28X-301-70	PCNTC114RC78-1	19.5±0.5
TL28Y-301-70	PCNTC214RC78-1	
TL28U-301-70	PCNTC314RC78-1	
TL28V-301-70	PCNTC414RC78-1	
TL28W-301-70	PCNTC514RC78-1	
TL28T-301-70	PCNTC614RC78-1	

Standard part List(WITHOUT HVIL)  
產品型號表(不帶護鎖)

Model No.	JPC No.	Accepted Wire OD
TL28X-300-35	PCNTC102RC78-1	14.5±0.5
TL28Y-300-35	PCNTC202RC78-1	
TL28U-300-35	PCNTC302RC78-1	
TL28V-300-35	PCNTC402RC78-1	
TL28W-300-35	PCNTC502RC78-1	
TL28T-300-35	PCNTC602RC78-1	
TL28X-300-50	PCNTC103RC78-1	17.0±0.5
TL28Y-300-50	PCNTC203RC78-1	
TL28U-300-50	PCNTC303RC78-1	
TL28V-300-50	PCNTC403RC78-1	
TL28W-300-50	PCNTC503RC78-1	
TL28T-300-50	PCNTC603RC78-1	
TL28X-300-70	PCNTC104RC78-1	19.5±0.5
TL28Y-300-70	PCNTC204RC78-1	
TL28U-300-70	PCNTC304RC78-1	
TL28V-300-70	PCNTC404RC78-1	
TL28W-300-70	PCNTC504RC78-1	
TL28T-300-70	PCNTC604RC78-1	

NOTE :

1.工作溫度Operating temperature : -40~125°C;

2.額定電流Current rating:250A(Cross-sectional area is 70mm²);HVIL:5A; 

200A(Cross-sectional area is 50mm²);HVIL:5A;

150A(Cross-sectional area is 35mm²);HVIL:5A;

3.額定電壓Operating voltage:Power1000VDC; Signal:60VDC;

4.耐電壓Dielectric withstanding voltage:5000 VDC;

5.絕緣阻抗Insulation resistance : 500MΩ Min.

6.防護等級Protection class:IP67&IP2X.

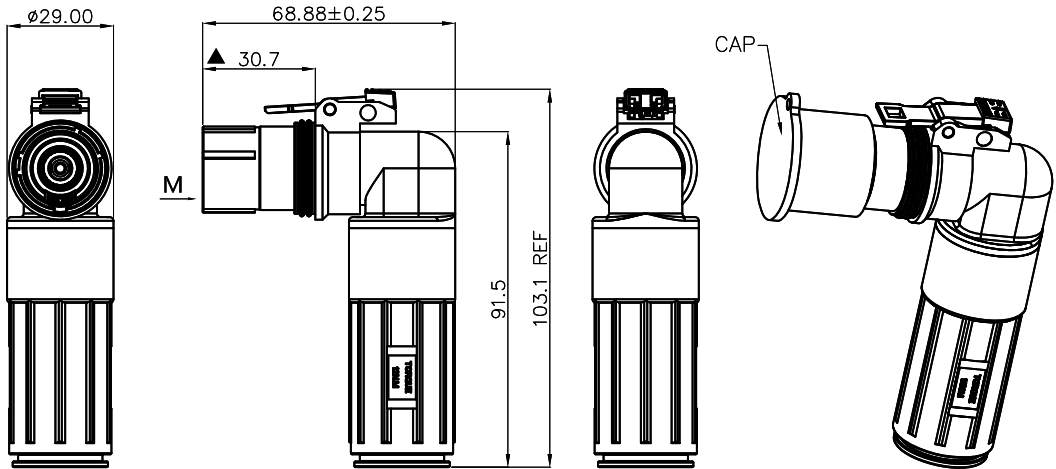
7.電磁屏蔽Shielding

8.機械壽命Mating cycle:500Min.

9.帶自動二次鎖扣 Automatic secondary lock.

10.帶高壓互鎖Electrical interlock(HVIL).

11.配對插座Mating receptacle:See drawing "PCNTC113RC79-1"



Ordering Information  
訂購信息

TL28 X - 301 - 70

鍵位及顏色 Key&Color

"X" 橙色 Orange

"Y" 黑色 Black

"U" 黃色 Yellow

"V" 綠色 Green

"W" 紅色 Red

"T" 藍色 Blue

高壓互鎖 HVIL

0,不帶互鎖 No HVIL

1,帶互鎖 With HVIL

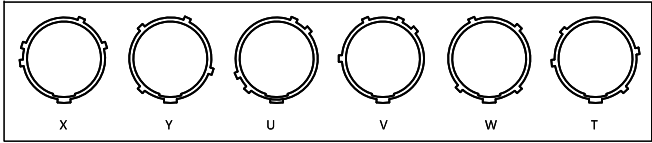
線纜大小 Cable Size

"35"=35mm²

"50"=50mm²

"70"=70mm²

M方向鍵位示意圖



RoHS COMPLIANT	HALOGEN FREE	Unit : mm	PROJECTION	JPC connectivity		
		GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 02/28/2022 Denghong	TITLE	PD./FILE NO.	
		0 = ±.50	CH.K	TL300 1POS PLUG RA TYPE	C20C0020A	
		0.0 = ±.25	APV.D	SCALE 1:1	SHEET 1 OF 1	
		0.00 = ±.15		SIZE A4	PART NO. PCNTC112RC78-1	REV. A2
		0.000 = ±.05				
		0" = ±.2"				
		0.0" = ±.1"				

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