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## CUSTOMER DRAWING

DRWC-000556

| REV. | ECN NO. | DESCRIPTION          | MDF'D    | APP'D   | DATE       |
|------|---------|----------------------|----------|---------|------------|
| 01   |         | INITIAL DESIGN       | denghong | RICHARD | 07/09/2020 |
| A1   |         | 更換新圖檔,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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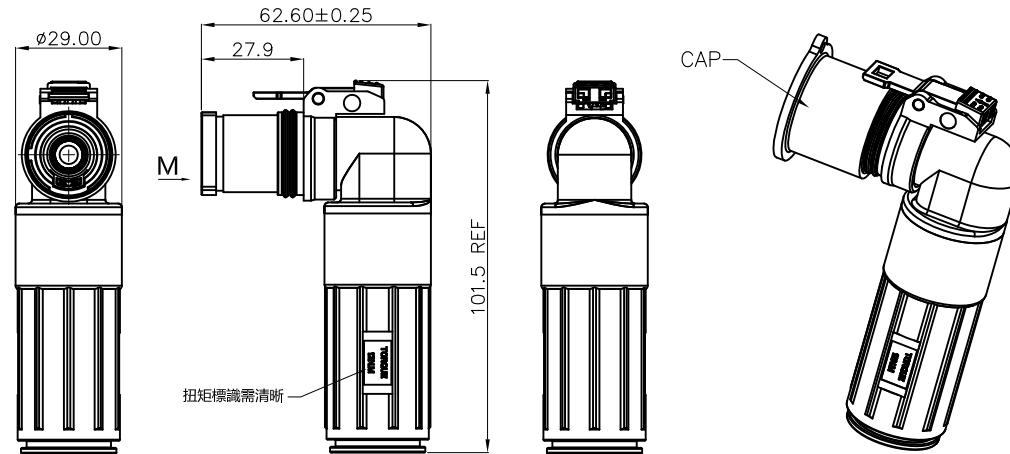
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Standard part List(WITH HVIL)  
產品型號表(帶護鎖)

| Model No.    | JPC No.        | Accepted Wire OD |
|--------------|----------------|------------------|
| TL28X-201-25 | PCNTC111RC78-0 | 13.2~14.0        |
| TL28Y-201-25 | PCNTC211RC78-0 |                  |
| TL28U-201-25 | PCNTC311RC78-0 |                  |
| TL28V-201-25 | PCNTC411RC78-0 |                  |
| TL28W-201-25 | PCNTC511RC78-0 |                  |
| TL28T-201-25 | PCNTC611RC78-0 |                  |
| TL28X-201-35 | PCNTC112RC78-0 | 14.2~15.0        |
| TL28Y-201-35 | PCNTC212RC78-0 |                  |
| TL28U-201-35 | PCNTC312RC78-0 |                  |
| TL28V-201-35 | PCNTC412RC78-0 |                  |
| TL28W-201-35 | PCNTC512RC78-0 |                  |
| TL28T-201-35 | PCNTC612RC78-0 |                  |
| TL28X-201-50 | PCNTC113RC78-0 | 16.7~17.5        |
| TL28Y-201-50 | PCNTC213RC78-0 |                  |
| TL28U-201-50 | PCNTC313RC78-0 |                  |
| TL28V-201-50 | PCNTC413RC78-0 |                  |
| TL28W-201-50 | PCNTC513RC78-0 |                  |
| TL28T-201-50 | PCNTC613RC78-0 |                  |

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

| Model No.    | JPC No.        | Accepted Wire OD |
|--------------|----------------|------------------|
| TL28X-200-25 | PCNTC101RC78-0 | 13.2~14.0        |
| TL28Y-200-25 | PCNTC201RC78-0 |                  |
| TL28U-200-25 | PCNTC301RC78-0 |                  |
| TL28V-200-25 | PCNTC401RC78-0 |                  |
| TL28W-200-25 | PCNTC501RC78-0 |                  |
| TL28T-200-25 | PCNTC601RC78-0 |                  |
| TL28X-200-35 | PCNTC102RC78-0 | 14.2~15.0        |
| TL28Y-200-35 | PCNTC202RC78-0 |                  |
| TL28U-200-35 | PCNTC302RC78-0 |                  |
| TL28V-200-35 | PCNTC402RC78-0 |                  |
| TL28W-200-35 | PCNTC502RC78-0 |                  |
| TL28T-200-35 | PCNTC602RC78-0 |                  |
| TL28X-200-50 | PCNTC103RC78-0 | 16.7~17.5        |
| TL28Y-200-50 | PCNTC203RC78-0 |                  |
| TL28U-200-50 | PCNTC303RC78-0 |                  |
| TL28V-200-50 | PCNTC403RC78-0 |                  |
| TL28W-200-50 | PCNTC503RC78-0 |                  |
| TL28T-200-50 | PCNTC603RC78-0 |                  |



## Ordering Information

## 訂購信息

TL28 X - 201 - 25

## 鍵位及顏色 Key&amp;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

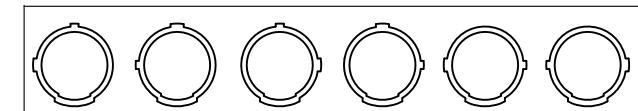
高壓互鎖 HVIL  
0,不帶互鎖 No HVIL  
1,帶互鎖 With HVIL

線纜大小 Cable Size  
"25"=25mm<sup>2</sup>  
"35"=35mm<sup>2</sup>  
"50"=50mm<sup>2</sup>

## NOTE :

- 1.工作溫度Operating temperature : -40~125°C;
- 2.額定電流Current rating:200A(Cross-sectional area is 50mm<sup>2</sup>);HVIL:5A;
- 150A(Cross-sectional area is 35mm<sup>2</sup>);HVIL:5A;
- 120A(Cross-sectional area is 25mm<sup>2</sup>);HVIL:5A;
- 3.額定電壓Operating voltage:Power1000VDC; Signal:60VDC;
- 4.耐電壓Dielectric withstand 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 "PCNTC113RC79-0"

## M方向鍵位示意圖



| ROHS COMPLIANT | HALOGEN FREE | Unit : mm | PROJECTION |       | JPC connectivity        |        |                |
|----------------|--------------|-----------|------------|-------|-------------------------|--------|----------------|
|                |              |           | D.R.       | APV.D | TITLE                   |        | PD./FILE NO.   |
|                |              |           | 02/28/2022 | CH.K  | TL200 1POS PLUG RA TYPE |        | C20C0017A      |
|                |              |           | denghong   |       |                         |        |                |
|                |              |           |            |       | SCALE                   | SIZE   | PART NO.       |
|                |              |           |            |       | 1:1                     | A4     | PCNTC111RC78-0 |
|                |              |           |            |       | REV.                    | A2     |                |
|                |              |           |            |       | SHEET                   | 1 OF 1 |                |