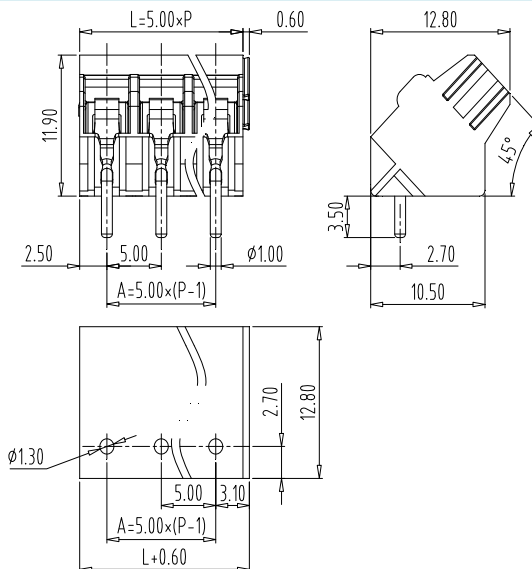


## PCB terminal block — TL series(Wire Protector)—TL240A



■ 图示(Pic. shown) : TL240A-03P(G12S)

|          |                             |                                      |
|----------|-----------------------------|--------------------------------------|
| General. | PCB terminal block          | Rated :250V,24A , 2.5mm <sup>2</sup> |
|          | Single row , 5.00mm pitch , | 02P-24P Pole                         |
|          | Wiring orientation:         | 45°(wire-to-board)                   |
|          | Screw clamp unit:           | M2.5, 0.4Nm                          |

认证 ( Approval ) :



| ■ 技术参数Technical Data                                                                                                      |  | UL standard                                                           |    |                          | IEC standard                                             |         |        |
|---------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|----|--------------------------|----------------------------------------------------------|---------|--------|
| UL应用组别(UL Application group)                                                                                              |  | UL Application group                                                  |    |                          | IEC过电压别/污染等级(IEC overvoltage category /pollution degree) |         |        |
| IEC过电压别/污染等级(IEC overvoltage category /pollution degree)                                                                  |  | B                                                                     | C  | D                        | III / 3                                                  | III / 2 | II / 2 |
| 额定电压(Rated voltage)                                                                                                       |  | 300V                                                                  | -- | 300V                     | 250V                                                     | 400V    | 630V   |
| 额定电流(Rated current)                                                                                                       |  | 15A                                                                   | -- | 10A                      | 24A                                                      | 24A     | 24A    |
| 额定连接容量(Rated connection capacity)                                                                                         |  | 26~12AWG                                                              |    |                          | 0.2~2.5mm²                                               |         |        |
| 刚性导线横截面 ( AWG ) ( Conductor cross section,solid )                                                                         |  |                                                                       |    | 26~12                    |                                                          |         |        |
| 柔性导线横截面 ( AWG ) ( Conductor cross section,stranded )                                                                      |  |                                                                       |    | 26~12                    |                                                          |         |        |
| 刚性导线横截面 ( mm2 ) ( Conductor cross section,rigid )                                                                         |  |                                                                       |    | 0.2~2.5                  |                                                          |         |        |
| 柔性导线横截面 ( mm2 ) ( Conductor cross section,flexible )                                                                      |  |                                                                       |    | 0.2~2.5                  |                                                          |         |        |
| 柔性导线横截面，不带绝缘套管的冷压头(mm2)<br>(Conductor cross section flexible，with ferrule without plastic                                 |  |                                                                       |    | 0.25~1.5                 |                                                          |         |        |
| 柔性导线横截面，带绝缘套管的冷压头(mm2)<br>(Conductor cross section flexible，with ferrule with plastic sleeve)                             |  |                                                                       |    | 0.25~1.5                 |                                                          |         |        |
| 2根具有相同横截面的导线，柔性，带TWIN套管及塑料套管(mm2)<br>( 2 conductors with the same section flexible with TWIN ferrule and plastic sleeve ) |  |                                                                       |    | 0.5~0.75                 |                                                          |         |        |
| 绝缘材料(Insulation Material)                                                                                                 |  |                                                                       |    | PA66 UL94 V-0            |                                                          |         |        |
| 绝缘材料组别(Material group)                                                                                                    |  |                                                                       |    | I                        |                                                          |         |        |
| 电流承载部件材料和镀层( Material & Plating of Current carrier )                                                                      |  |                                                                       |    | Copper alloy ，Tin plated |                                                          |         |        |
| 接线弹片材料(Material of Clamp spring )                                                                                         |  |                                                                       |    | --                       |                                                          |         |        |
| 耐电压(1分钟)(Withstanding Voltage/1Min)                                                                                       |  |                                                                       |    | 1600V                    |                                                          |         |        |
| 额定冲击电压(Rated surge voltage)                                                                                               |  |                                                                       |    | 4KV                      |                                                          |         |        |
| 接线螺丝(Wire clamp unit Screw)，最大扭矩( torque Max. )                                                                           |  |                                                                       |    | M2.5，0.4Nm               |                                                          |         |        |
| 固定螺丝(Mounting Screw)，扭矩(torque)                                                                                           |  |                                                                       |    | --                       |                                                          |         |        |
| 剥线长度(Wire stripping length)                                                                                               |  |                                                                       |    | 5.0~6.0mm                |                                                          |         |        |
| 使用温度(Operating temperature)                                                                                               |  |                                                                       |    | -40℃ up to +115℃         |                                                          |         |        |
| 存储温度(Storage temperature)                                                                                                 |  |                                                                       |    | -40℃ up to +70℃          |                                                          |         |        |
| 存储相对湿度(Storage relative humidity)                                                                                         |  |                                                                       |    | ≤70%                     |                                                          |         |        |
| 焊接方式(Soldering recommend)                                                                                                 |  | Wave soldering ,260℃ 5S Max (Single Wave) , 260℃ 10S Max(Double Wave) |    |                          |                                                          |         |        |

## ■ 订购方式(How to order)

|                   |                     |                                |                                             |                                                        |                              |                           |                                   |
|-------------------|---------------------|--------------------------------|---------------------------------------------|--------------------------------------------------------|------------------------------|---------------------------|-----------------------------------|
| TL                | 2                   | 40                             | A                                           | XXXX                                                   | XXP                          | (G12)                     | S)                                |
| Series No.<br>系列号 | Pitch间距<br>2=5.00mm | Differentiate<br>Number<br>区分号 | Connection angle<br>角度=45°<br>wire-to-board | Special code 特编号<br>XXXX=custom-made<br>blank=standard | No. of Poles<br>极数<br>02-24P | Color<br>颜色<br>Green: G12 | Screw Type<br>螺丝S=Slot<br>C=Cross |