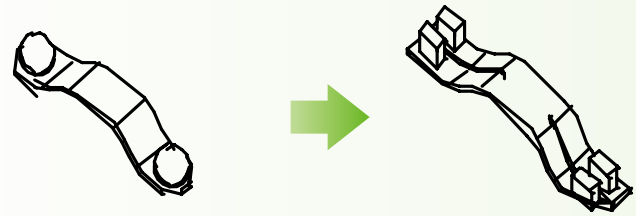


### 交流接触器特点说明

- 产品符合多国国际规格  
适合标准：GB,IEC,EN,VDE.  
认证规格：CCC,UL,CSA,TUV,CE.
- 可加装辅助接点组（S-P11~S-P60T可加装上装或侧装，S-P125T~S-P220T可加装侧装）。
- 辅助接点组具上装式及侧装式安装设计，可满足不同作业空间之需求。
- 辅助可动接点采用双接点，可提高接触可靠度（S-P60T以下）。



### 热过载继电器特点说明

- 温度自动补偿设计，可依使用环境温度变化自动调整补偿，提高产品可靠度。
- 可加装保护盖且安装容易，符合IEC防护等级IP20。
- 辅助接点为1a1b，a辅助接点与b辅助接点独立设计，可作两种不同电源之控制，方便配线。
- 复归/跳脱显示，清楚易见。



- 手动/自动复归切换容易（客户可依需要自行切换）



TH-P12

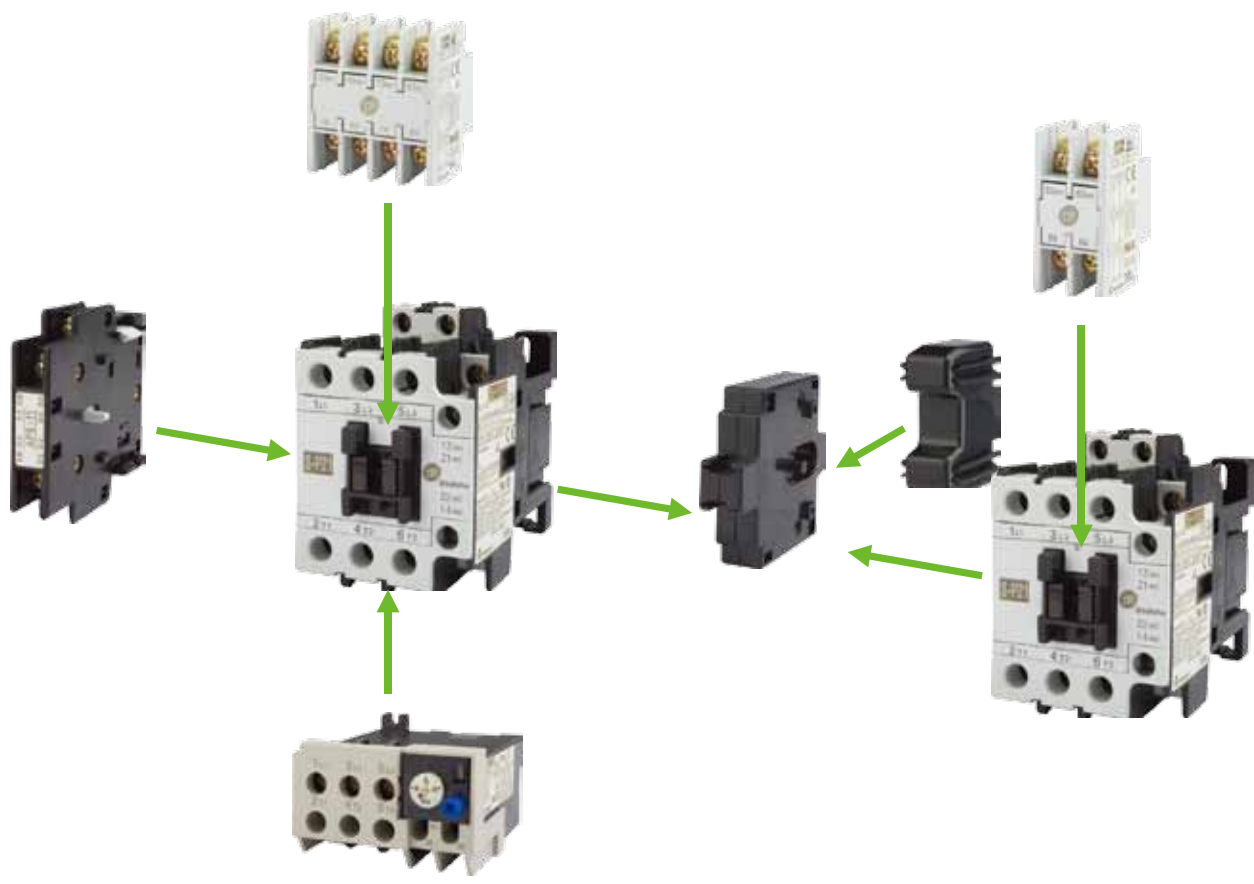
手动/自动复归切换方法：  
压住复归杆，切换板扳到“A”位置，实现自动复归；  
切换板扳到“H”位置，复归杆上弹，实现手动复归。

TH-P09、TH-P20~TH-P600

手动/自动复归切换方法：  
以十字起子压下复归杆并旋转，使箭头（凹槽）对准  
“H”手动位置或“A”自动位置。

### 电动机起动器功能介绍

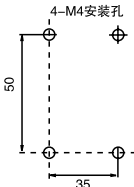
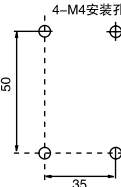
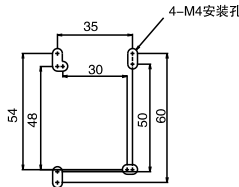
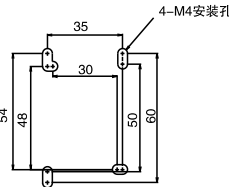
- 组成  
电动机起动器（简称MS）是由开闭电流的交流接触器（Contactor）和保护负载的热过载继电器（Thermal overload relay）组合而成。
- 功能
  - a.输配电控制系统之切换。
  - b.电动机之起动、停止操作。
  - c.各类产业机械、工作母机、射出成形机等电源控制。
  - d.冷气、温度开关、升降机、自动门等电源控制。

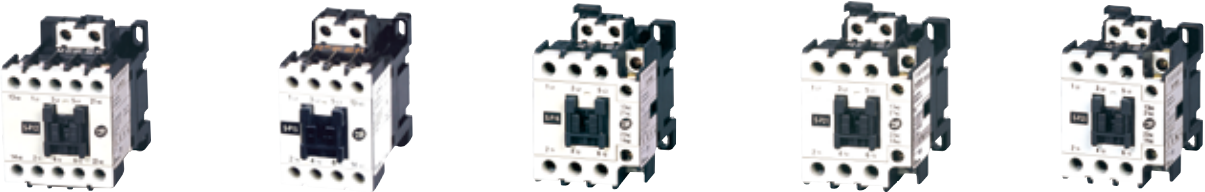


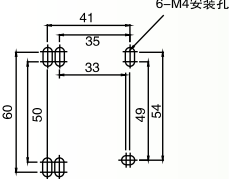
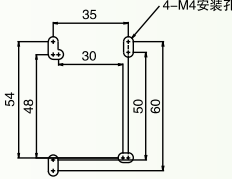
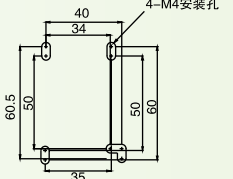
交流接触器/电动机起动器

P06 ~ P25型



| 机 种                                                                    |                                                         |          | 06                                                                                  |          |     | 09                                                                                  |          |     | A6                                                                                   |          |     | A9                                                                                    |          |     | 11             |          |     |    |
|------------------------------------------------------------------------|---------------------------------------------------------|----------|-------------------------------------------------------------------------------------|----------|-----|-------------------------------------------------------------------------------------|----------|-----|--------------------------------------------------------------------------------------|----------|-----|---------------------------------------------------------------------------------------|----------|-----|----------------|----------|-----|----|
| 选<br>型                                                                 | 交流接触器                                                   |          | 非可逆                                                                                 | S-P06    |     |                                                                                     | S-P09    |     |                                                                                      | S-PA6    |     |                                                                                       | S-PA9    |     |                | S-P11    |     |    |
|                                                                        |                                                         |          | 可逆                                                                                  | S-2×P06  |     |                                                                                     | S-2×P09  |     |                                                                                      | S-2×PA6  |     |                                                                                       | S-2×PA9  |     |                | S-2×P11  |     |    |
|                                                                        | 开启式                                                     | 非可逆      | MSO-P06                                                                             |          |     | MSO-P09                                                                             |          |     | MSO-PA6                                                                              |          |     | MSO-PA9                                                                               |          |     | MSO-P11        |          |     |    |
|                                                                        |                                                         | 可逆       | —                                                                                   |          |     | —                                                                                   |          |     | MSO-2×PA6                                                                            |          |     | MSO-2×PA9                                                                             |          |     | MSO-2×P11      |          |     |    |
|                                                                        | 封闭式                                                     | 非可逆      | —                                                                                   |          |     | —                                                                                   |          |     | MS-PA6                                                                               |          |     | MS-PA9                                                                                |          |     | MS-P11         |          |     |    |
|                                                                        |                                                         | 可逆       | —                                                                                   |          |     | —                                                                                   |          |     | MS-2×PA6                                                                             |          |     | MS-2×PA9                                                                              |          |     | MS-2×P11       |          |     |    |
|                                                                        | 封闭式附按钮                                                  | 非可逆      | —                                                                                   |          |     | —                                                                                   |          |     | MS-PA6PB                                                                             |          |     | MS-PA9PB                                                                              |          |     | MS-P11PB       |          |     |    |
|                                                                        |                                                         | 热过载 继电器  | 标准型                                                                                 | —        |     |                                                                                     | —        |     |                                                                                      | TH-P12   |     |                                                                                       | TH-P12   |     |                | TH-P12   |     |    |
|                                                                        |                                                         |          | 断相型                                                                                 | TH-P09PP |     |                                                                                     | TH-P09PP |     |                                                                                      | TH-P12PP |     |                                                                                       | TH-P12PP |     |                | TH-P12PP |     |    |
| 电动机额定功率/电流                                                             |                                                         |          |                                                                                     | kW       | HP  | A                                                                                   | kW       | HP  | A                                                                                    | kW       | HP  | A                                                                                     | kW       | HP  | A              | kW       | HP  | A  |
| 额定功率 AC3<br>GB14048.4<br>IEC 60947-4-1<br>EN 60947-4-1<br>DIN VDE 0660 |                                                         | 三 相      | 240V                                                                                | 1.5      | 2   | 6                                                                                   | 2.2      | 3   | 9                                                                                    | 1.5      | 2   | 6                                                                                     | 2.2      | 3   | 9              | 3.5      | 4.5 | 13 |
|                                                                        |                                                         |          | 380V                                                                                | 3        | 4   | 6                                                                                   | 4        | 5.5 | 9                                                                                    | 3        | 4   | 6                                                                                     | 4        | 5.5 | 9              | 5.5      | 7.5 | 12 |
|                                                                        |                                                         |          | 440V                                                                                | 3        | 4   | 6                                                                                   | 4        | 5.5 | 9                                                                                    | 3        | 4   | 6                                                                                     | 4        | 5.5 | 9              | 5.5      | 7.5 | 12 |
|                                                                        |                                                         |          | 550V                                                                                | 3        | 4   | 6                                                                                   | 4        | 5.5 | 9                                                                                    | 3        | 4   | 6                                                                                     | 4        | 5.5 | 9              | 5.5      | 7.5 | 9  |
|                                                                        |                                                         |          | 660V                                                                                |          |     |                                                                                     |          |     |                                                                                      |          |     |                                                                                       |          |     |                | 5.5      | 7.5 | 7  |
| 额定电流AC1 (A)                                                            |                                                         |          | 20                                                                                  |          |     | 20                                                                                  |          |     | 20                                                                                   |          |     | 20                                                                                    |          |     | 20             |          |     |    |
| 约定发热电流(Ith) (A)                                                        |                                                         |          |                                                                                     |          |     |                                                                                     |          |     |                                                                                      |          |     |                                                                                       |          |     |                |          |     |    |
| 额定绝缘电压 (Ui) (V)                                                        |                                                         |          | AC660                                                                               |          |     | AC660                                                                               |          |     | AC660                                                                                |          |     | AC660                                                                                 |          |     | AC660          |          |     |    |
| 额定功率<br>AC3<br>UL508<br>CSA-C22.2                                      | 单 相                                                     | 110 120V |                                                                                     | 0.25     | 5.8 |                                                                                     | 0.5      | 9.8 |                                                                                      | 0.25     | 9.8 |                                                                                       | 0.5      | 9.8 |                | 0.5      | 9.8 |    |
|                                                                        |                                                         | 220 240V |                                                                                     | 1        | 8   |                                                                                     | 1.5      | 10  |                                                                                      | 1        | 10  |                                                                                       | 1.5      | 10  |                | 2        | 10  |    |
|                                                                        | 三 相                                                     | 220 240V |                                                                                     | 2        | 6.8 |                                                                                     | 3        | 9.6 |                                                                                      | 2        | 9.6 |                                                                                       | 3        | 9.6 |                | 3        | 9.6 |    |
|                                                                        |                                                         | 440 480V |                                                                                     | 3        | 4.8 |                                                                                     | 5        | 7.6 |                                                                                      | 3        | 7.6 |                                                                                       | 5        | 7.6 |                | 7.5      | 11  |    |
|                                                                        |                                                         | 550 600V |                                                                                     | —        | —   |                                                                                     | —        | —   |                                                                                      | —        | —   |                                                                                       | —        | —   |                | 10       | 11  |    |
| 额定电流AC1 (A)                                                            |                                                         |          | 20                                                                                  |          |     | 20                                                                                  |          |     | 24                                                                                   |          |     | 24                                                                                    |          |     | 24             |          |     |    |
| 约定发热电流(Ith) (A)                                                        |                                                         |          |                                                                                     |          |     |                                                                                     |          |     |                                                                                      |          |     |                                                                                       |          |     |                |          |     |    |
| 额定绝缘电压 (Ui) (V)                                                        |                                                         |          | AC660                                                                               |          |     | AC660                                                                               |          |     | AC600,P600,Q300                                                                      |          |     | AC600,P600,Q300                                                                       |          |     | AC600          |          |     |    |
| NEMA等级                                                                 |                                                         |          | 00                                                                                  |          |     | 00                                                                                  |          |     | 00                                                                                   |          |     | 00                                                                                    |          |     | 00             |          |     |    |
| 辅<br>助<br>触<br>头                                                       | 触头构成                                                    | 标准       | 1a(1NO)                                                                             |          |     | 1a(1NO)                                                                             |          |     | 1a(1NO)                                                                              |          |     | 1a(1NO)                                                                               |          |     | 1a(1NO)        |          |     |    |
|                                                                        |                                                         | 特殊       |                                                                                     |          |     |                                                                                     |          |     | 1b(1NC)                                                                              |          |     | 1b(1NC)                                                                               |          |     | 1b(1NC)        |          |     |    |
|                                                                        | 额定功率 AC15<br>GB14048.4<br>IEC 60947-5-1<br>EN 60947-5-1 | 220V     | 3.3                                                                                 |          |     | 3.3                                                                                 |          |     | 1.6                                                                                  |          |     | 1.6                                                                                   |          |     | 1.6            |          |     |    |
|                                                                        |                                                         | 380V     | 1.9                                                                                 |          |     | 1.9                                                                                 |          |     | 0.95                                                                                 |          |     | 0.95                                                                                  |          |     | 0.95           |          |     |    |
|                                                                        | 约定发热电流 ( Ith ) ( A )                                    |          | 10                                                                                  |          |     | 10                                                                                  |          |     | 16                                                                                   |          |     | 16                                                                                    |          |     | 16             |          |     |    |
| 辅助触头等级 ( UL )                                                          |                                                         |          | A600,Q300                                                                           |          |     | A600,Q300                                                                           |          |     | A600,P600,Q300                                                                       |          |     | A600,P600,Q300                                                                        |          |     | A600,P600,Q300 |          |     |    |
| 电寿命 ( AC3 ) ( 万次 )                                                     |                                                         |          | 120                                                                                 |          |     | 120                                                                                 |          |     | 120                                                                                  |          |     | 120                                                                                   |          |     | 120            |          |     |    |
| 机械寿命 ( 万次 )                                                            |                                                         |          | 600                                                                                 |          |     | 600                                                                                 |          |     | 600                                                                                  |          |     | 600                                                                                   |          |     | 600            |          |     |    |
| 交<br>流<br>接<br>触<br>器                                                  | 重量 ( kg )                                               |          | 0.15                                                                                |          |     | 0.15                                                                                |          |     | 0.33                                                                                 |          |     | 0.33                                                                                  |          |     | 0.33           |          |     |    |
|                                                                        | 外型尺寸(mm) 长×宽×高                                          |          | 58×46×51                                                                            |          |     | 58×46×51                                                                            |          |     | 81×43×83.5                                                                           |          |     | 81×43×83.5                                                                            |          |     | 81×43×83.5     |          |     |    |
|                                                                        | 安装尺寸 ( mm )<br>H-高度                                     |          |  |          |     |  |          |     |  |          |     |  |          |     |                |          |     |    |

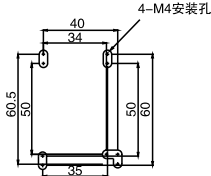
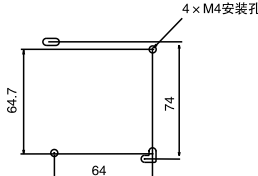


| 12                                                                                    |     |     | 15                                                                                    |    |    | 16                                                                                    |    |      | 21            |     |    | 25            |     |    |
|---------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------|----|----|---------------------------------------------------------------------------------------|----|------|---------------|-----|----|---------------|-----|----|
| S-P12                                                                                 |     |     | S-P15                                                                                 |    |    | S-P16                                                                                 |    |      | S-P21         |     |    | S-P25         |     |    |
| S-2×P12                                                                               |     |     | S-2×P15                                                                               |    |    | S-2×P16                                                                               |    |      | S-2×P21       |     |    | S-2×P25       |     |    |
| MSO-P12                                                                               |     |     | MSO-P15                                                                               |    |    | MSO-P16                                                                               |    |      | MSO-P21       |     |    | MSO-P25       |     |    |
| MSO-2×P12                                                                             |     |     | MSO-2×P15                                                                             |    |    | MSO-2×P16                                                                             |    |      | MSO-2×P21     |     |    | MSO-2×P25     |     |    |
| MS-P12                                                                                |     |     | MS-P15                                                                                |    |    | MS-P16                                                                                |    |      | MS-P21        |     |    | MS-P25        |     |    |
| MS-2×P12                                                                              |     |     | MS-2×P15                                                                              |    |    | MS-2×P16                                                                              |    |      | MS-2×P21      |     |    | MS-2×P25      |     |    |
| MS-P12PB                                                                              |     |     | MS-P15PB                                                                              |    |    | MS-P16PB                                                                              |    |      | MS-P21PB      |     |    | MS-P25PB      |     |    |
| TH-P12                                                                                |     |     | TH-P12                                                                                |    |    | TH-P20                                                                                |    |      | TH-P20        |     |    | TH-P20(TA)    |     |    |
| TH-P12PP                                                                              |     |     | TH-P12PP                                                                              |    |    | TH-P20PP                                                                              |    |      | TH-P20PP      |     |    | TH-P20(TA)PP  |     |    |
| kW                                                                                    | HP  | A   | kW                                                                                    | HP | A  | kW                                                                                    | HP | A    | kW            | HP  | A  | kW            | HP  | A  |
| 3.5                                                                                   | 4.5 | 13  | 4.5                                                                                   | 6  | 18 | 4.5                                                                                   | 6  | 18   | 5.5           | 7.5 | 24 | 6.5           | 8.5 | 26 |
| 5.5                                                                                   | 7.5 | 12  | 7.5                                                                                   | 10 | 16 | 7.5                                                                                   | 10 | 18   | 11            | 15  | 21 | 12            | 16  | 23 |
| 5.5                                                                                   | 7.5 | 12  | 7.5                                                                                   | 10 | 16 | 7.5                                                                                   | 10 | 16   | 11            | 15  | 21 | 12            | 16  | 23 |
| 5.5                                                                                   | 7.5 | 9   | 7.5                                                                                   | 10 | 13 | 7.5                                                                                   | 10 | 13   | 11            | 15  | 17 | 12            | 16  | 20 |
| 5.5                                                                                   | 7.5 | 7   | 7.5                                                                                   | 10 | 9  | 7.5                                                                                   | 10 | 9    | 11            | 15  | 14 | 12            | 16  | 16 |
| 20                                                                                    |     |     | 25                                                                                    |    |    | 30                                                                                    |    |      | 32            |     |    | 32            |     |    |
| AC660                                                                                 |     |     | AC660                                                                                 |    |    | AC660                                                                                 |    |      | AC660         |     |    | AC660         |     |    |
|                                                                                       | 0.5 | 9.8 |                                                                                       | —  | —  |                                                                                       | 1  | 16   |               | 2   | 24 |               | 2   | 24 |
|                                                                                       | 2   | 12  |                                                                                       | —  | —  |                                                                                       | 3  | 17   |               | 3   | 17 |               | 3   | 17 |
|                                                                                       | 3   | 9.6 |                                                                                       | —  | —  |                                                                                       | 5  | 15.2 |               | 7.5 | 22 |               | 10  | 28 |
|                                                                                       | 7.5 | 11  |                                                                                       | —  | —  |                                                                                       | 10 | 14   |               | 15  | 21 |               | 15  | 21 |
|                                                                                       | 10  | 11  |                                                                                       | —  | —  |                                                                                       | 10 | 11   |               | 15  | 17 |               | 15  | 17 |
| 24                                                                                    |     |     | —                                                                                     |    |    | 30                                                                                    |    |      | 35            |     |    | 40            |     |    |
| AC600                                                                                 |     |     | —                                                                                     |    |    | AC600                                                                                 |    |      | AC600         |     |    | AC600         |     |    |
| 00                                                                                    |     |     | 0                                                                                     |    |    | 0                                                                                     |    |      | 1             |     |    | 1             |     |    |
| 1a1b(1NO 1NC)                                                                         |     |     | 1a(1NO)                                                                               |    |    | 1a1b(1NO 1NC)                                                                         |    |      | 1a1b(1NO 1NC) |     |    | 1a1b(1NO 1NC) |     |    |
| 2b(2NC)或2a(2NO)                                                                       |     |     | 1b(1NC)                                                                               |    |    | —                                                                                     |    |      | —             |     |    | —             |     |    |
| 1.6                                                                                   |     |     | 1.6                                                                                   |    |    | 1.6                                                                                   |    |      | 1.6           |     |    | 1.6           |     |    |
| 0.95                                                                                  |     |     | 0.95                                                                                  |    |    | 0.95                                                                                  |    |      | 0.95          |     |    | 0.95          |     |    |
| 16                                                                                    |     |     | 16                                                                                    |    |    | 16                                                                                    |    |      | 16            |     |    | 16            |     |    |
| A600,P600,Q300                                                                        |     |     | —                                                                                     |    |    | A600,Q300                                                                             |    |      | A600,Q300     |     |    | A600,Q300     |     |    |
| 120                                                                                   |     |     | 120                                                                                   |    |    | 120                                                                                   |    |      | 120           |     |    | 120           |     |    |
| 600                                                                                   |     |     | 600                                                                                   |    |    | 600                                                                                   |    |      | 600           |     |    | 600           |     |    |
| 0.35                                                                                  |     |     | 0.33                                                                                  |    |    | 0.37                                                                                  |    |      | 0.38          |     |    | 0.38          |     |    |
| 81×53×83.5                                                                            |     |     | 81×43×83.5                                                                            |    |    | 81×53.5×83.5                                                                          |    |      | 81×53.5×83.5  |     |    | 81×53.5×83.5  |     |    |
|  |     |     |  |    |    |  |    |      |               |     |    |               |     |    |

交流接触器/电动机起动机

■ P30T ~ P100T型

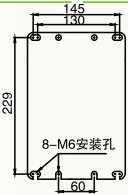
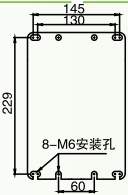
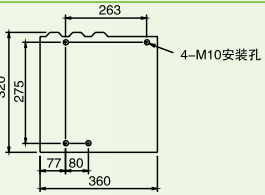


| 机 种                                                                    |                                                         |   | 30T                                                                                 |               |    | 30T H                                                                                |                |    | 35T          |               |      | 40T          |               |     |    |
|------------------------------------------------------------------------|---------------------------------------------------------|---|-------------------------------------------------------------------------------------|---------------|----|--------------------------------------------------------------------------------------|----------------|----|--------------|---------------|------|--------------|---------------|-----|----|
| 选<br>型                                                                 | 交流接触器                                                   |   | 非可逆                                                                                 | S-P30T        |    |                                                                                      | S-P30T H       |    |              | S-P35T        |      |              | S-P40T        |     |    |
|                                                                        |                                                         |   | 可逆                                                                                  | S-2 × P30T    |    |                                                                                      | S-2 × P30T H   |    |              | S-2 × P35T    |      |              | S-2 × P40T    |     |    |
|                                                                        | 开启式                                                     |   | 非可逆                                                                                 | MSO-P30T      |    |                                                                                      | MSO-P30T H     |    |              | MSO-P35T      |      |              | MSO-P40T      |     |    |
|                                                                        |                                                         |   | 可逆                                                                                  | MSO-2 × P30T  |    |                                                                                      | MSO-2 × P30T H |    |              | MSO-2 × P35T  |      |              | MSO-2 × P40T  |     |    |
|                                                                        | 封闭式                                                     |   | 非可逆                                                                                 | MS-P30T       |    |                                                                                      | MS-P30T H      |    |              | MS-P35T       |      |              | MS-P40T       |     |    |
|                                                                        |                                                         |   | 可逆                                                                                  | MS-2 × P30T   |    |                                                                                      | MS-2 × P30T H  |    |              | MS-2 × P35T   |      |              | MS-2 × P40T   |     |    |
|                                                                        | 封闭式附按钮                                                  |   | 非可逆                                                                                 | MS-P30TPB     |    |                                                                                      | MS-P30T HPB    |    |              | MS-P35TPB     |      |              | MS-P40TPB     |     |    |
|                                                                        |                                                         |   | 标准型                                                                                 | TH-P20(TA)    |    |                                                                                      | TH-P20(TA)     |    |              | TH-P20(TA)    |      |              | TH-P20(TA)    |     |    |
|                                                                        | 热过载 继电器                                                 |   | 断相型                                                                                 | TH-P20(TA)PP  |    |                                                                                      | TH-P20(TA)PP   |    |              | TH-P20(TA) PP |      |              | TH-P20(TA)PP  |     |    |
|                                                                        |                                                         |   |                                                                                     |               |    |                                                                                      |                |    |              |               |      |              |               |     |    |
| 电动机额定功率/电流                                                             |                                                         |   |                                                                                     | kW            | HP | A                                                                                    | kW             | HP | A            | kW            | HP   | A            | kW            | HP  | A  |
| 额定功率 AC3<br>GB14048.4<br>IEC 60947-4-1<br>EN 60947-4-1<br>DIN VDE 0660 |                                                         | 三 | 240V                                                                                | 7.5           | 10 | 30                                                                                   | 7.5            | 10 | 30           | 9             | 12.5 | 35           | 11            | 15  | 44 |
|                                                                        |                                                         | 相 | 380V                                                                                | 15            | 20 | 28                                                                                   | 15             | 20 | 28           | 18.5          | 25   | 30           | 22            | 30  | 40 |
|                                                                        |                                                         |   | 440V                                                                                | 15            | 20 | 27                                                                                   | 15             | 20 | 27           | 18.5          | 25   | 27           | 22            | 30  | 40 |
|                                                                        |                                                         |   | 550V                                                                                | 15            | 20 | 22                                                                                   | 15             | 20 | 22           | 18.5          | 25   | 22           | 22            | 30  | 32 |
|                                                                        |                                                         |   | 660V                                                                                | 15            | 20 | 18                                                                                   | 15             | 20 | 18           | 18.5          | 25   | 18           | 22            | 30  | 26 |
| 额定电流AC1 (A)                                                            |                                                         |   | 40                                                                                  |               |    | 40                                                                                   |                |    | 50           |               |      | 50           |               |     |    |
| 约定发热电流(Ith) (A)                                                        |                                                         |   |                                                                                     |               |    |                                                                                      |                |    |              |               |      |              |               |     |    |
| 额定绝缘电压 (Ui) (V)                                                        |                                                         |   |                                                                                     | AC660         |    |                                                                                      | AC660          |    |              | AC660         |      |              | AC660         |     |    |
| 额定功率<br>AC3<br>UL508<br>CSA-C22.2                                      |                                                         | 单 | 110 120V                                                                            |               | -  | -                                                                                    |                | 2  | 24           |               | 2    | 24           |               | 3   | 34 |
|                                                                        |                                                         | 相 | 220 240V                                                                            |               | -  | -                                                                                    |                | 5  | 28           |               | 5    | 28           |               | 7.5 | 40 |
|                                                                        |                                                         |   | 220 240V                                                                            |               | -  | -                                                                                    |                | 10 | 28           |               | 10   | 28           |               | 15  | 42 |
|                                                                        |                                                         |   | 440 480V                                                                            |               | -  | -                                                                                    |                | 20 | 27           |               | 20   | 27           |               | 20  | 27 |
|                                                                        |                                                         |   | 550 600V                                                                            |               | -  | -                                                                                    |                | 30 | 32           |               | 30   | 32           |               | 30  | 32 |
| 额定电流AC1 (A)                                                            |                                                         |   | -                                                                                   |               |    | 50                                                                                   |                |    | 50           |               |      | 50           |               |     |    |
| 约定发热电流(Ith) (A)                                                        |                                                         |   |                                                                                     |               |    |                                                                                      |                |    |              |               |      |              |               |     |    |
| 额定绝缘电压 (Ui) (V)                                                        |                                                         |   |                                                                                     | -             |    |                                                                                      | AC600          |    |              | AC600         |      |              | AC600         |     |    |
| NEMA等级                                                                 |                                                         |   |                                                                                     | 1             |    |                                                                                      | 2              |    |              | 2             |      |              | 2             |     |    |
| 辅<br>助<br>触<br>头                                                       | 触头构成                                                    |   | 标准                                                                                  | 1a1b(1NO 1NC) |    |                                                                                      | 2a2b(2NO 2NC)  |    |              | 2a2b(2NO 2NC) |      |              | 2a2b(2NO 2NC) |     |    |
|                                                                        |                                                         |   | 特殊                                                                                  | -             |    |                                                                                      | -              |    |              | -             |      |              | -             |     |    |
|                                                                        | 额定功率 AC15<br>GB14048.4<br>IEC 60947-5-1<br>EN 60947-5-1 |   | 220V                                                                                | 1.6           |    |                                                                                      | 1.6            |    |              | 1.6           |      |              | 1.6           |     |    |
|                                                                        |                                                         |   | 380V                                                                                | 0.95          |    |                                                                                      | 0.95           |    |              | 0.95          |      |              | 0.95          |     |    |
|                                                                        | 约定发热电流 ( Ith ) (A)                                      |   |                                                                                     | 16            |    |                                                                                      | 16             |    |              | 16            |      |              | 16            |     |    |
| 辅助触头等级 ( UL )                                                          |                                                         |   |                                                                                     | -             |    |                                                                                      | -              |    |              | A600,Q300     |      |              | A600,Q300     |     |    |
| 电寿命 ( AC3 ) ( 万次 )                                                     |                                                         |   |                                                                                     | 120           |    |                                                                                      | 120            |    |              | 120           |      |              | 120           |     |    |
| 机械寿命 ( 万次 )                                                            |                                                         |   |                                                                                     | 600           |    |                                                                                      | 600            |    |              | 600           |      |              | 600           |     |    |
| 交<br>流<br>接<br>触<br>器                                                  | 重量 (kg)                                                 |   | 0.38                                                                                |               |    | 0.55                                                                                 |                |    | 0.55         |               |      | 0.55         |               |     |    |
|                                                                        | 外型尺寸(mm) 长 × 宽 × 高                                      |   | 81 × 53.5 × 83.5                                                                    |               |    | 95 × 73 × 93                                                                         |                |    | 95 × 73 × 93 |               |      | 95 × 73 × 93 |               |     |    |
|                                                                        | 安装尺寸 ( mm )<br>H-高度                                     |   |  |               |    |  |                |    |              |               |      |              |               |     |    |



| 50T              |    |    | 60T              |    |    | 80T            |     |    | 100T            |    |     |
|------------------|----|----|------------------|----|----|----------------|-----|----|-----------------|----|-----|
| S-P50T           |    |    | S-P60T           |    |    | S-P80T         |     |    | S-P100T         |    |     |
| S-2 × P50T       |    |    | S-2 × P60T       |    |    | S-2 × P80T     |     |    | S-2 × P100T     |    |     |
| MSO-P50T         |    |    | MSO-P60T         |    |    | MSO-P80T       |     |    | MSO-P100T       |    |     |
| MSO-2 × P50T     |    |    | MSO-2 × P60T     |    |    | MSO-2 × P80T   |     |    | MSO-2 × P100T   |    |     |
| MS-P50T          |    |    | MS-P60T          |    |    | MS-P80T        |     |    | MS-P100T        |    |     |
| MS-2 × P50T      |    |    | MS-2 × P60T      |    |    | MS-2 × P80T    |     |    | MS-2 × P100T    |    |     |
| MS-P50TPB        |    |    | MS-P60TPB        |    |    | -              |     |    | -               |    |     |
| TH-P60           |    |    | TH-P60(TA)       |    |    | TH-P60(TA)     |     |    | TH-P120(TA)     |    |     |
| TH-P60PP         |    |    | TH-P60(TA)PP     |    |    | TH-P60(TA)PP   |     |    | TH-P120(TA)PP   |    |     |
| kW               | HP | A  | kW               | HP | A  | kW             | HP  | A  | kW              | HP | A   |
| 15               | 20 | 58 | 19               | 25 | 65 | 22             | 30  | 85 | 30              | 40 | 105 |
| 30               | 40 | 52 | 37               | 50 | 65 | 45             | 60  | 85 | 60              | 80 | 105 |
| 30               | 40 | 52 | 37               | 50 | 65 | 45             | 60  | 75 | 60              | 80 | 105 |
| 30               | 40 | 41 | 37               | 50 | 52 | 45             | 60  | 60 | 60              | 80 | 85  |
| 30               | 40 | 34 | 37               | 50 | 43 | 45             | 60  | 50 | 60              | 80 | 70  |
| 65               |    |    | 65               |    |    | 100            |     |    | 135             |    |     |
| AC660            |    |    | AC660            |    |    | AC660          |     |    | AC660           |    |     |
|                  | 5  | 56 |                  | 5  | 56 |                | 7.5 | 80 |                 | -  | -   |
|                  | 10 | 50 |                  | 10 | 50 |                | 15  | 68 |                 | -  | -   |
|                  | 20 | 54 |                  | 20 | 54 |                | 25  | 68 |                 | 30 | 80  |
|                  | 30 | 40 |                  | 40 | 52 |                | 50  | 65 |                 | 60 | 77  |
|                  | 40 | 41 |                  | 50 | 52 |                | 60  | 62 |                 | 60 | 62  |
| 80               |    |    | 90               |    |    | 90             |     |    | 100             |    |     |
| AC600            |    |    | AC600            |    |    | AC600          |     |    | AC600           |    |     |
| 2                |    |    | 2                |    |    | 3              |     |    | 3               |    |     |
| 2a2b(2NO 2NC)    |    |    | 2a2b(2NO 2NC)    |    |    | 2a2b(2NO 2NC)  |     |    | 2a2b(2NO 2NC)   |    |     |
| -                |    |    | -                |    |    | -              |     |    | -               |    |     |
| 1.6              |    |    | 1.6              |    |    | 1.6            |     |    | 1.6             |    |     |
| 0.95             |    |    | 0.95             |    |    | 0.95           |     |    | 0.95            |    |     |
| 16               |    |    | 16               |    |    | 16             |     |    | 16              |    |     |
| A600,Q300        |    |    | A600,Q300        |    |    | A600,Q300      |     |    | A600,Q300       |    |     |
| 120              |    |    | 120              |    |    | 120            |     |    | 120             |    |     |
| 600              |    |    | 600              |    |    | 600            |     |    | 600             |    |     |
| 1.05             |    |    | 1.05             |    |    | 1.5            |     |    | 2.35            |    |     |
| 115 × 87.9 × 107 |    |    | 115 × 87.9 × 107 |    |    | 142 × 93 × 116 |     |    | 116 × 120 × 128 |    |     |
|                  |    |    |                  |    |    |                |     |    |                 |    |     |

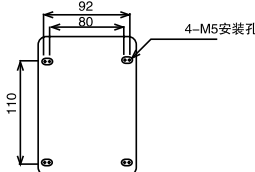
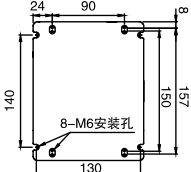
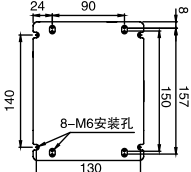


| 300T                                                                                  |     |     | 400T                                                                                  |     |     | 600C                                                                                  |     |     |
|---------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------|-----|-----|
| S-P300T                                                                               |     |     | S-P400T                                                                               |     |     | M-600C                                                                                |     |     |
| S-2 × P300T                                                                           |     |     | S-2 × P400T                                                                           |     |     | RC-600C                                                                               |     |     |
| MSO-P300T                                                                             |     |     | MSO-P400T                                                                             |     |     | MTO-600C                                                                              |     |     |
| MSO-2 × P300T                                                                         |     |     | MSO-2 × P400T                                                                         |     |     | RTO-600C                                                                              |     |     |
| -                                                                                     |     |     | -                                                                                     |     |     | MT-600C                                                                               |     |     |
| -                                                                                     |     |     | -                                                                                     |     |     | RT-600C                                                                               |     |     |
| -                                                                                     |     |     | -                                                                                     |     |     | -                                                                                     |     |     |
| TH-P400T                                                                              |     |     | TH-P400T                                                                              |     |     | TH-P600CT                                                                             |     |     |
| TH-P400TPP                                                                            |     |     | TH-P400TPP                                                                            |     |     | TH-P600CTPP                                                                           |     |     |
| kW                                                                                    | HP  | A   | kW                                                                                    | HP  | A   | kW                                                                                    | HP  | A   |
| 90                                                                                    | 125 | 300 | 110                                                                                   | 150 | 400 | 160                                                                                   | 220 | 620 |
| 160                                                                                   | 220 | 300 | 220                                                                                   | 300 | 400 | 315                                                                                   | 420 | 620 |
| 185                                                                                   | 250 | 300 | 250                                                                                   | 340 | 400 | 315                                                                                   | 420 | 600 |
| 185                                                                                   | 250 | 263 | 250                                                                                   | 340 | 360 | 315                                                                                   | 420 | 500 |
| 200                                                                                   | 300 | 220 | 280                                                                                   | 380 | 305 | -                                                                                     | -   | -   |
| 350                                                                                   |     |     | 450                                                                                   |     |     | 660                                                                                   |     |     |
| 1000                                                                                  |     |     | 1000                                                                                  |     |     | AC660                                                                                 |     |     |
| -                                                                                     | -   | -   | -                                                                                     | -   | -   | -                                                                                     | -   | -   |
| -                                                                                     | -   | -   | -                                                                                     | -   | -   | -                                                                                     | -   | -   |
| -                                                                                     | 100 | 248 | -                                                                                     | 125 | 312 | -                                                                                     | -   | -   |
| -                                                                                     | 200 | 240 | -                                                                                     | 250 | 302 | -                                                                                     | -   | -   |
| -                                                                                     | 200 | 192 | -                                                                                     | 300 | 289 | -                                                                                     | -   | -   |
| 350                                                                                   |     |     | 450                                                                                   |     |     | -                                                                                     |     |     |
| 1000                                                                                  |     |     | 1000                                                                                  |     |     | -                                                                                     |     |     |
| 5                                                                                     |     |     | 5                                                                                     |     |     | 6                                                                                     |     |     |
| 2a2b                                                                                  |     |     | 2a2b                                                                                  |     |     | 2a2b(2NO 2NC)                                                                         |     |     |
| -                                                                                     |     |     | -                                                                                     |     |     | -                                                                                     |     |     |
| 3.3                                                                                   |     |     | 3.3                                                                                   |     |     | 1.6                                                                                   |     |     |
| 1.6                                                                                   |     |     | 1.6                                                                                   |     |     | 0.95                                                                                  |     |     |
| 10                                                                                    |     |     | 10                                                                                    |     |     | 16                                                                                    |     |     |
| A600,Q300                                                                             |     |     | A600,Q300                                                                             |     |     | A600,Q300                                                                             |     |     |
| 120                                                                                   |     |     | 120                                                                                   |     |     | 60                                                                                    |     |     |
| 600                                                                                   |     |     | 600                                                                                   |     |     | 600                                                                                   |     |     |
| 9.75                                                                                  |     |     | 9.75                                                                                  |     |     | 28                                                                                    |     |     |
| 246 × 164 × 196.5                                                                     |     |     | 246 × 164 × 196.5                                                                     |     |     | 320 × 360 × 234                                                                       |     |     |
|  |     |     |  |     |     |  |     |     |

交流接触器/电动机起动机

■ P125T ~ P400T型



| 机 种                                                                    |                                                             |               | 125T                                                                                |               |               | 150T                                                                                  |               |            | 200T                                                                                  |               |            | 220T                                                                                  |               |     |     |
|------------------------------------------------------------------------|-------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|---------------|---------------|---------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|---------------|-----|-----|
| 选<br>型                                                                 | 交流接触器                                                       |               | 非可逆                                                                                 | S-P125T       |               |                                                                                       | S-P150T       |            |                                                                                       | S-P200T       |            |                                                                                       | S-P220T       |     |     |
|                                                                        |                                                             |               | 可逆                                                                                  | S-2×P125T     |               |                                                                                       | S-2×P150T     |            |                                                                                       | S-2×P200T     |            |                                                                                       | S-2×P220T     |     |     |
|                                                                        | 开启式                                                         | 非可逆           | MSO-P125T                                                                           |               |               | MSO-P150T                                                                             |               |            | MSO-P200T                                                                             |               |            | MSO-P220T                                                                             |               |     |     |
|                                                                        |                                                             | 可逆            | MSO-2×P125T                                                                         |               |               | MSO-2×150T                                                                            |               |            | MSO-2×P200T                                                                           |               |            | MSO-2×P220T                                                                           |               |     |     |
|                                                                        | 封闭式                                                         | 非可逆           | MS-P125T                                                                            |               |               | MS-P150T                                                                              |               |            | MS-P200T                                                                              |               |            | MS-P220T                                                                              |               |     |     |
|                                                                        |                                                             | 可逆            | MS-2×P125T                                                                          |               |               | MS-2×P150T                                                                            |               |            | MS-2×P200T                                                                            |               |            | MS-2×P220T                                                                            |               |     |     |
|                                                                        | 封闭式附按钮                                                      | 非可逆           | -                                                                                   |               |               | -                                                                                     |               |            | -                                                                                     |               |            | -                                                                                     |               |     |     |
|                                                                        | 热过载 继电器                                                     | 标准型           | TH-P120(TA)                                                                         |               |               | TH-P120(TA)                                                                           |               |            | TH-P220T                                                                              |               |            | TH-P220T                                                                              |               |     |     |
|                                                                        | 断相型                                                         | TH-P120(TA)PP |                                                                                     |               | TH-P120(TA)PP |                                                                                       |               | TH-P220TPP |                                                                                       |               | TH-P220TPP |                                                                                       |               |     |     |
| 电动机额定功率/电流                                                             |                                                             |               |                                                                                     | kW            | HP            | A                                                                                     | kW            | HP         | A                                                                                     | kW            | HP         | A                                                                                     | kW            | HP  | A   |
| 额定功率 AC3<br>GB14048.4<br>IEC 60947-4-1<br>EN 60947-4-1<br>DIN VDE 0660 |                                                             | 三<br>相        | 240V                                                                                | 37            | 50            | 135                                                                                   | 45            | 60         | 165                                                                                   | 55            | 75         | 200                                                                                   | 65            | 85  | 220 |
|                                                                        |                                                             |               | 380V                                                                                | 75            | 100           | 130                                                                                   | 90            | 125        | 160                                                                                   | 110           | 150        | 190                                                                                   | 120           | 160 | 220 |
|                                                                        |                                                             |               | 440V                                                                                | 75            | 100           | 130                                                                                   | 90            | 125        | 160                                                                                   | 110           | 150        | 190                                                                                   | 120           | 160 | 190 |
|                                                                        |                                                             |               | 550V                                                                                | 75            | 100           | 105                                                                                   | 90            | 125        | 130                                                                                   | 110           | 150        | 150                                                                                   | 132           | 180 | 180 |
|                                                                        |                                                             |               | 660V                                                                                | 75            | 100           | 90                                                                                    | 90            | 125        | 110                                                                                   | 110           | 150        | 125                                                                                   | 132           | 180 | 150 |
| 额定电流AC1                                                                |                                                             | (A)           | 170                                                                                 |               |               | 200                                                                                   |               |            | 240                                                                                   |               |            | 260                                                                                   |               |     |     |
| 约定发热电流(Ith)                                                            |                                                             | (A)           |                                                                                     |               |               |                                                                                       |               |            |                                                                                       |               |            |                                                                                       |               |     |     |
| 额定绝缘电压（Ui）                                                             |                                                             | (V)           | AC660                                                                               |               |               | AC660                                                                                 |               |            | AC660                                                                                 |               |            | AC660                                                                                 |               |     |     |
| 额定功率<br>AC3<br>UL508<br>CSA-C22.2                                      |                                                             | 单<br>相        | 110 120V                                                                            | -             | -             | -                                                                                     | -             | -          | -                                                                                     | -             | -          | -                                                                                     | -             | -   | -   |
|                                                                        |                                                             |               | 220 240V                                                                            | -             | -             | -                                                                                     | -             | -          | -                                                                                     | -             | -          | -                                                                                     | -             | -   | -   |
|                                                                        |                                                             | 三<br>相        | 220 240V                                                                            | -             | 50            | 130                                                                                   | -             | 60         | 154                                                                                   | -             | 75         | 192                                                                                   | -             | 75  | 192 |
|                                                                        |                                                             |               | 440 480V                                                                            | -             | 100           | 124                                                                                   | -             | 125        | 156                                                                                   | -             | 150        | 180                                                                                   | -             | 150 | 180 |
|                                                                        |                                                             |               | 550 600V                                                                            | -             | 100           | 99                                                                                    | -             | 125        | 125                                                                                   | -             | 150        | 144                                                                                   | -             | 150 | 144 |
| 额定电流AC1                                                                |                                                             | (A)           | 170                                                                                 |               |               | 200                                                                                   |               |            | 240                                                                                   |               |            | 260                                                                                   |               |     |     |
| 约定发热电流(Ith)                                                            |                                                             | (A)           |                                                                                     |               |               |                                                                                       |               |            |                                                                                       |               |            |                                                                                       |               |     |     |
| 额定绝缘电压（Ui）                                                             |                                                             | (V)           | AC600                                                                               |               |               | AC600                                                                                 |               |            | AC600                                                                                 |               |            | AC600                                                                                 |               |     |     |
| NEMA等级                                                                 |                                                             |               | 3                                                                                   |               |               | 3                                                                                     |               |            | 4                                                                                     |               |            | 4                                                                                     |               |     |     |
| 辅<br>助<br>触<br>头                                                       | 触头构成                                                        |               | 标准                                                                                  | 2a2b(2NO 2NC) |               |                                                                                       | 2a2b(2NO 2NC) |            |                                                                                       | 2a2b(2NO 2NC) |            |                                                                                       | 2a2b(2NO 2NC) |     |     |
|                                                                        |                                                             |               | 特殊                                                                                  | -             |               |                                                                                       | -             |            |                                                                                       | -             |            |                                                                                       | -             |     |     |
|                                                                        | 额定电流 (A) AC15<br>GB14048.4<br>IEC 60947-5-1<br>EN 60947-5-1 |               | 220V                                                                                | 3.3           |               |                                                                                       | 3.3           |            |                                                                                       | 3.3           |            |                                                                                       | 3.3           |     |     |
|                                                                        |                                                             |               | 380V                                                                                | 1.6           |               |                                                                                       | 1.6           |            |                                                                                       | 1.6           |            |                                                                                       | 1.6           |     |     |
|                                                                        | 约定发热电流（Ith）                                                 |               | (A)                                                                                 | 16            |               |                                                                                       | 16            |            |                                                                                       | 16            |            |                                                                                       | 16            |     |     |
| 辅助触头等级（UL）                                                             |                                                             |               | A600,Q300                                                                           |               |               | A600,Q300                                                                             |               |            | A600,Q300                                                                             |               |            | A600,Q300                                                                             |               |     |     |
| 电寿命（AC3）（万次）                                                           |                                                             |               | 120                                                                                 |               |               | 120                                                                                   |               |            | 120                                                                                   |               |            | 120                                                                                   |               |     |     |
| 机械寿命（万次）                                                               |                                                             |               | 600                                                                                 |               |               | 600                                                                                   |               |            | 600                                                                                   |               |            | 600                                                                                   |               |     |     |
| 交<br>流<br>接<br>触<br>器                                                  | 重量（kg）                                                      |               | 2.7                                                                                 |               |               | 2.7                                                                                   |               |            | 4.35                                                                                  |               |            | 4.35                                                                                  |               |     |     |
|                                                                        | 外型尺寸(mm) 长×宽×高                                              |               | 152.5×106×140                                                                       |               |               | 152.5×106×140                                                                         |               |            | 185×138×159.5                                                                         |               |            | 185×138×159.5                                                                         |               |     |     |
|                                                                        | 安装尺寸（mm）<br>H-高度                                            |               |  |               |               |  |               |            |  |               |            |  |               |     |     |

### 交流接触器（直流控制）



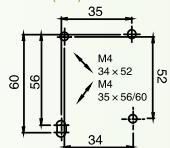
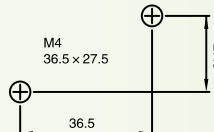
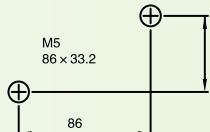
| 机 种       |                  |               |    | SD-P11                  | SD-P16  | SD-P21 |        |
|-----------|------------------|---------------|----|-------------------------|---------|--------|--------|
| 额 定 容 量   | GB14048.4        | AC3<br>(KW/A) | 三相 | 240V                    | 3.5/13  | 4.5/18 | 5.5/24 |
|           |                  |               |    | 380V                    | 5.5/12  | 7.5/18 | 11/21  |
|           |                  |               |    | 440V                    | 5.5/12  | 7.5/18 | 11/21  |
|           |                  |               |    | 550V                    | 5.5/9   | 7.5/13 | 11/17  |
|           |                  | AC1 ( A )     |    |                         | 20      | 30     | 32     |
|           | IEC6094<br>7-4-1 | AC3<br>(KW/A) | 三相 | 240V                    | 3.5/13  | 4.5/18 | 5.5/24 |
|           |                  |               |    | 440V                    | 5.5/12  | 7.5/16 | 11/21  |
|           |                  |               |    | 550V                    | 5.5/9   | 7.5/13 | 11/17  |
|           |                  |               |    | 660V                    | 5.5/7   | 7.5/9  | 11/14  |
|           |                  | AC1 ( A )     |    |                         | 20      | 30     | 32     |
|           | UL508            | AC3<br>(HP/A) | 单相 | 110V~120V               | 0.8/9.8 | 1/16   | 2/24   |
|           |                  |               |    | 220V~240V               | 2/12    | 3/17   | 3/17   |
|           |                  |               | 三相 | 220V~240V               | 3/9.6   | 5/15.2 | 7.5/22 |
|           |                  |               |    | 440V~480V               | 7.5/11  | 10/14  | 15/21  |
|           |                  |               |    | 550V~600V               | 10/11   | 10/11  | 15/17  |
|           | AC1 ( A )        |               |    | 24                      | 30      | 35     |        |
| 辅助触头构成    |                  |               |    | 1a或1b                   | 1a1b    | 1a1b   |        |
| 控制线圈电压(V) |                  |               | DC | 12/24/48/72/110/125/220 |         |        |        |

### 外型安装尺寸图

| SD-P11             | SD-P16~21  |
|--------------------|------------|
| 重量: 0.43KG         | 重量: 0.47KG |
| <p>辅助接口1b型接口构成</p> |            |

## 热过载继电器



| 机 种                   |          | 09               |             | 12                                                                                    |             | 20                                                                                    |             |                                             |             | 60                                                                                    |             |                    |             |           |  |
|-----------------------|----------|------------------|-------------|---------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|-------------|---------------------------------------------|-------------|---------------------------------------------------------------------------------------|-------------|--------------------|-------------|-----------|--|
| 标准型                   | 与接触器组合型式 | —                |             | TH-P12                                                                                |             | TH-P20                                                                                |             | TH-P20TA                                    |             | TH-P60                                                                                |             | TH-P60TA           |             |           |  |
|                       | 单独安装型    | —                |             | TH-P12R                                                                               |             | —                                                                                     |             | —                                           |             | —                                                                                     |             | —                  |             |           |  |
| 断相型                   | 与接触器组合型式 | TH-P09PP         |             | TH-P12PP                                                                              |             | TH-P20PP                                                                              |             | TH-P20TAPP                                  |             | TH-P60PP                                                                              |             | TH-P60TAPP         |             |           |  |
|                       | 单独安装型    | —                |             | TH-P12PPR                                                                             |             | —                                                                                     |             | —                                           |             | —                                                                                     |             | —                  |             |           |  |
| 复位方式                  |          | 手 动 或 自 动 复 位    |             |                                                                                       |             |                                                                                       |             |                                             |             |                                                                                       |             |                    |             |           |  |
| 选用交流接触器               |          | S-P06、S-P09      |             | S-PA6、S-PA9、<br>S-P11、S-P12、<br>S-P15                                                 |             | S-P16、S-P21、<br>S-P25、S-P30T、<br>S-P30T H、<br>S-P35T、S-P40T                           |             | S-P25、S-P30T、<br>S-P30T H、<br>S-P35T、S-P40T |             | S-P50T、<br>S-P60T、<br>S-P80T、                                                         |             | S-P60T、<br>S-P80T、 |             |           |  |
| 整定值<br>及<br>可调整范围     |          | 整定值<br>(A)       | 调整范围<br>(A) | 整定值<br>(A)                                                                            | 调整范围<br>(A) | 整定值<br>(A)                                                                            | 调整范围<br>(A) | 整定值<br>(A)                                  | 调整范围<br>(A) | 整定值<br>(A)                                                                            | 调整范围<br>(A) | 整定值<br>(A)         | 调整范围<br>(A) |           |  |
|                       |          | 0.13             | 0.1 ~ 0.16  | 0.25                                                                                  | 0.19 ~ 0.31 | 0.25                                                                                  | 0.19 ~ 0.31 | 28                                          | 22 ~ 34     | 11                                                                                    | 9 ~ 13      | 67                 | 54 ~ 80     |           |  |
|                       |          | 0.20             | 0.16 ~ 0.24 | 0.4                                                                                   | 0.3 ~ 0.5   | 0.4                                                                                   | 0.3 ~ 0.5   | 33                                          | 28 ~ 38     | 15                                                                                    | 12 ~ 18     | 80                 | 60 ~ 100    |           |  |
|                       |          | 0.32             | 0.24 ~ 0.4  | 0.6                                                                                   | 0.45 ~ 0.75 | 0.6                                                                                   | 0.45 ~ 0.75 | 40                                          | 32 ~ 48     | 21                                                                                    | 17 ~ 24     |                    |             |           |  |
|                       |          | 0.5              | 0.4 ~ 0.6   | 0.9                                                                                   | 0.7 ~ 1.1   | 0.9                                                                                   | 0.7 ~ 1.1   |                                             |             | 28                                                                                    | 22 ~ 34     |                    |             |           |  |
|                       |          | 0.8              | 0.6 ~ 1     | 1.2                                                                                   | 0.9 ~ 1.5   | 1.2                                                                                   | 0.9 ~ 1.5   |                                             |             | 33                                                                                    | 28 ~ 38     |                    |             |           |  |
|                       |          | 1.3              | 1 ~ 1.6     | 1.7                                                                                   | 1.3 ~ 2.1   | 1.7                                                                                   | 1.3 ~ 2.1   |                                             |             | 40                                                                                    | 32 ~ 48     |                    |             |           |  |
|                       |          | 2.0              | 1.6 ~ 2.4   | 2.1                                                                                   | 1.6 ~ 2.6   | 2.1                                                                                   | 1.6 ~ 2.6   |                                             |             | 54                                                                                    | 43 ~ 65     |                    |             |           |  |
|                       |          | 3.2              | 2.4 ~ 4     | 3.3                                                                                   | 2.5 ~ 4.1   | 3.3                                                                                   | 2.5 ~ 4.1   |                                             |             |                                                                                       |             |                    |             |           |  |
|                       |          | 5                | 4 ~ 6       | 4.4                                                                                   | 3.4 ~ 5.4   | 4.4                                                                                   | 3.4 ~ 5.4   |                                             |             |                                                                                       |             |                    |             |           |  |
|                       |          | 7.5              | 6 ~ 9       | 6.5                                                                                   | 5 ~ 8       | 6.5                                                                                   | 5 ~ 8       |                                             |             |                                                                                       |             |                    |             |           |  |
|                       |          |                  |             |                                                                                       |             | 9                                                                                     | 7 ~ 11      | 9                                           | 7 ~ 11      |                                                                                       |             |                    |             |           |  |
|                       |          |                  |             |                                                                                       |             | 11                                                                                    | 9 ~ 13      | 11                                          | 9 ~ 13      |                                                                                       |             |                    |             |           |  |
|                       |          |                  |             |                                                                                       |             | 15                                                                                    | 12 ~ 18     | 15                                          | 12 ~ 18     |                                                                                       |             |                    |             |           |  |
|                       |          |                  |             |                                                                                       |             |                                                                                       |             | 21                                          | 17 ~ 24     |                                                                                       |             |                    |             |           |  |
|                       |          | 辅助触头构成           |             |                                                                                       |             |                                                                                       |             | 1a1b(1NO 1NC)                               |             |                                                                                       |             |                    |             |           |  |
|                       |          | 重量 ( kg )        |             | 0.075                                                                                 |             | 0.11/0.12                                                                             |             | 0.18/0.19                                   |             | 0.20/0.21                                                                             |             | 0.28/0.30          |             | 0.34/0.36 |  |
| 外型尺寸(mm)<br>长 × 宽 × 高 |          | 64.8 × 45.5 × 50 |             | TH-P12 ( PP ) :<br>55.5 × 45.5 × 78<br>TH-P12 ( PP ) R:<br>71 × 47 × 86.2             |             | TH-P20 ( PP ) :<br>46.1 × 64.5 × 80<br>TH-P20TA ( PP ) :<br>56.2 × 64.5 × 80          |             |                                             |             | TH-P60 ( PP ) :<br>50.5 × 98 × 78<br>TH-P60TA ( PP ) :<br>65.5 × 64.5 × 80            |             |                    |             |           |  |
| 安装尺寸 ( mm )<br>H-高度   |          | 非独立安装            |             |  |             |  |             |                                             |             |  |             |                    |             |           |  |

注:(1)热过载继电器之功能,为保护过负载跳脱,客户如欲保护回路功能,请选用士林牌塑壳断路器安装于回路使用之。

(2)客户用额定电流调整时，请依上表所述的调整范围调整之，请勿超出范围使用。（如右图）

