

### WY系列 WY Series

IP67



#### 訂購編號 ORDERING INFORMATION

**WY 24 K 19 T E 1**  
① ② ③ ④ ⑤ ⑥ ⑦

- ① 主稱代號 Series Code
- ② 插座開孔直徑 Receptacle Panel Cutout Diameter  
16、20、24、28、32、40、48、55
- ③ 接插件種類 Contact Gender  
J – 插針 Male contact    K – 插孔 Female contact
- ④ 芯數 Number of Contact  
2、3、4、5、6、7、8、9、10、11、12、13、15、16、17、19、20、24、26、27、31、38、40、42、53、61

#### 技術參數 Technical Data

|      |                   |                             |                                      |
|------|-------------------|-----------------------------|--------------------------------------|
| 接插方式 | Coupling          | 卡扣連接                        | Bayonet Coupling                     |
| 殼體材質 | Shell Material    | 鋅合金 (鍍鉻)                    | Zinc alloy with chrome plating       |
| 絕緣體  | Insert Material   | PPS 耐溫260°C                 | PPS Max. 260°C                       |
| 觸點材料 | Contact Material  | 銅鍍金                         | Brass with gold plating              |
| 接線方式 | Termination       | Ø1-Ø3.5mm焊接<br>Ø5.5-Ø10mm壓接 | Ø1-Ø3.5mm Solder<br>Ø5.5-Ø10mm Crimp |
| 接插次數 | Mating Cycle      | 》500                        |                                      |
| 溫度範圍 | Temperature Range | -25°C~+85°C                 |                                      |

#### ⑤ 連接器種類 Connector Type

T – 插頭 Plug    Z – 插座 Receptacle

#### ⑥ 外殼結構形式 Shell Structure And Cable Fix Type

直式 Straight:

G – 2孔法蘭插座 2-hole flange receptacle

M – 後螺母插座 Round flange receptacle    E – 夾爪緊固 Metal clamp nut

I – 電纜護套 Mechanical clamp    B – 塑料軟管 Plastic conduit

彎式 Angled:

U – 夾爪緊固 Metal clamp nut

V – 電纜護套 Mechanical clamp

W – 塑料軟管 Plastic conduit

#### ⑦ 接線類型 Termination Type

1 – 焊接型 (不填) Solder Type (Leave Blank)

2 – 壓接型 Crimp Type

### WY系列配線表 WY Series Mating Diagram

- 方方法蘭插座 IP67  
Square flange panel receptacle



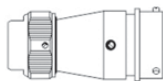
- 後螺母插座 IP67  
Round flange panel receptacle



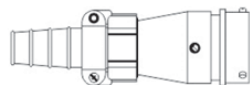
- 2孔法蘭插座 IP67  
2-hole flange panel receptacle with cover



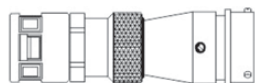
- 直式對接夾爪緊固插座 IP67  
In-line receptacle with metal clamping nut



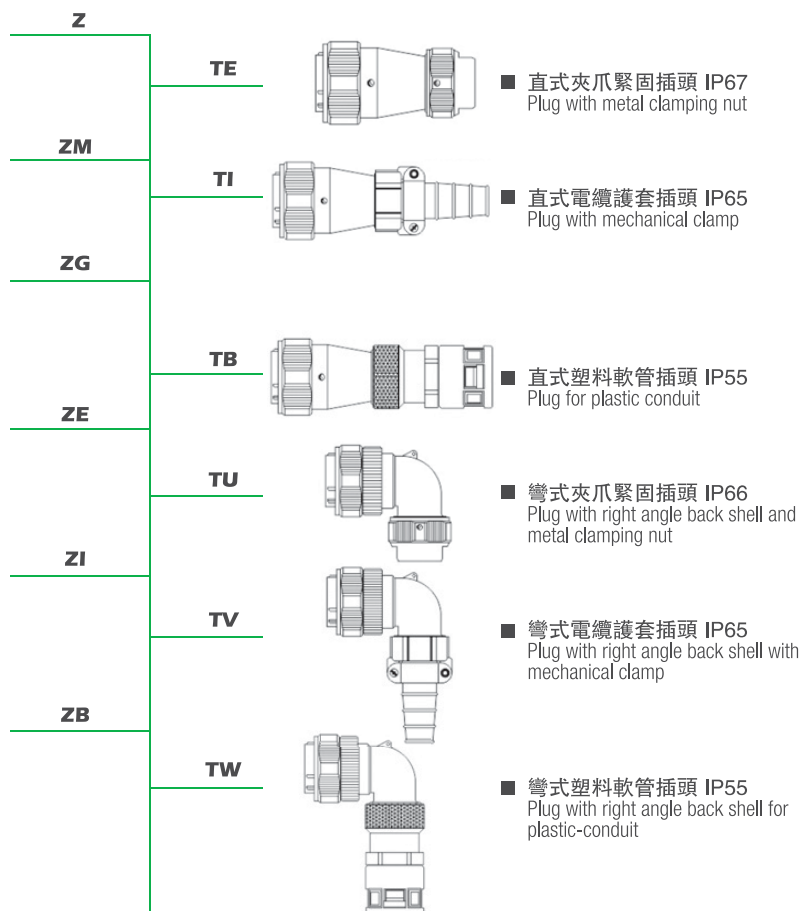
- 直式對接電纜護套插座 IP65  
In-line receptacle with mechanical clamp



- 直式對接塑料軟管插座 IP65  
In-line receptacle for plastic conduit



- 插座塑料防塵蓋 IP67  
Plastic receptacle cover



### ■ 焊接芯數排列及規格 Solder Contact Arrangement And Spec

| WS16、WF16、WY16                     | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                 | 7                                                                                   | 9                                                                                   | 10                                                                                  |
|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 插針絕緣體正面圖<br>Male Contact Side View |  |  |  |  |  |  |  |
| 額定電流 Rated Current                 | 10A                                                                               | 10A                                                                               | 5A                                                                                | 5A                                                                                | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  |
| 接觸件直徑 Contact Diameter             | Ø1.5x2                                                                            | Ø1.5x3                                                                            | Ø1x4                                                                              | Ø1x5                                                                              | Ø1x7                                                                                | Ø1x9                                                                                | Ø1x10                                                                               |
| 工作電壓 Rated Voltage (AC.V)          | 500V                                                                              | 500V                                                                              | 500V                                                                              | 500V                                                                              | 400V                                                                                | 400V                                                                                | 400V                                                                                |
| 耐電壓 Test Voltage (AC.V) 1 min      | 1500V                                                                             | 1500V                                                                             | 1500V                                                                             | 1500V                                                                             | 1200V                                                                               | 1200V                                                                               | 1200V                                                                               |
| 接觸電阻 Contact Resistance mΩ         | 2.5                                                                               | 2.5                                                                               | 5                                                                                 | 5                                                                                 | 5                                                                                   | 5                                                                                   | 5                                                                                   |
| 絕緣電阻 Insulation Resistance MΩ      | 2000                                                                              | 2000                                                                              | 2000                                                                              | 2000                                                                              | 2000                                                                                | 2000                                                                                | 2000                                                                                |

| WS20、WF20、WY20                     | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                 | 6                                                                                   | 7                                                                                   | 9                                                                                   | 12                                                                                  |
|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 插針絕緣體正面圖<br>Male Contact Side View |  |  |  |  |  |  |  |  |
| 額定電流 Rated Current                 | 25A                                                                               | 25A                                                                               | 25A                                                                               | 10A                                                                               | 5A、25A                                                                              | 10A                                                                                 | 5A                                                                                  | 5A                                                                                  |
| 接觸件直徑 Contact Diameter             | Ø2.5x2                                                                            | Ø2.5x3                                                                            | Ø2.5x4                                                                            | Ø1.5x5                                                                            | Ø1x2、Ø2.5x4                                                                         | Ø1.5x7                                                                              | Ø1x9                                                                                | Ø1x12                                                                               |
| 工作電壓 Rated Voltage (AC.V)          | 500V                                                                              | 500V                                                                              | 500V                                                                              | 500V                                                                              | 500V                                                                                | 500V                                                                                | 500V                                                                                | 400V                                                                                |
| 耐電壓 Test Voltage (AC.V) 1 min      | 1500V                                                                             | 1500V                                                                             | 1500V                                                                             | 1500V                                                                             | 1500V                                                                               | 1500V                                                                               | 1500V                                                                               | 1200V                                                                               |
| 接觸電阻 Contact Resistance mΩ         | 1                                                                                 | 1                                                                                 | 1                                                                                 | 2.5                                                                               | 5、1                                                                                 | 2.5                                                                                 | 5                                                                                   | 5                                                                                   |
| 絕緣電阻 Insulation Resistance MΩ      | 2000                                                                              | 2000                                                                              | 2000                                                                              | 2000                                                                              | 2000                                                                                | 2000                                                                                | 2000                                                                                | 2000                                                                                |

| WS24、WF24、WY24                     | 2                                                                                  | 3                                                                                  | 4                                                                                  | 9                                                                                  | 10                                                                                   | 11                                                                                   | 12                                                                                   | 19                                                                                   |
|------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 插針絕緣體正面圖<br>Male Contact Side View |  |  |  |  |  |  |  |  |
| 額定電流 Rated Current                 | 25A                                                                                | 25A                                                                                | 25A                                                                                | 5A、25A                                                                             | 10A                                                                                  | 5A、30A                                                                               | 10A                                                                                  | 5A                                                                                   |
| 接觸件直徑 Contact Diameter             | Ø2.5x2                                                                             | Ø2.5x3                                                                             | Ø2.5x4                                                                             | Ø1x5、Ø2.5x4                                                                        | Ø1.5x10                                                                              | Ø1x8、Ø3x3                                                                            | Ø1.5x12                                                                              | Ø1x19                                                                                |
| 工作電壓 Rated Voltage (AC.V)          | 500V                                                                               | 500V                                                                               | 500V                                                                               | 500V                                                                               | 500V                                                                                 | 500V                                                                                 | 500V                                                                                 | 500V                                                                                 |
| 耐電壓 Test Voltage (AC.V) 1 min      | 1500V                                                                              | 1500V                                                                              | 1500V                                                                              | 1500V                                                                              | 1500V                                                                                | 1500V                                                                                | 1500V                                                                                | 1500V                                                                                |
| 接觸電阻 Contact Resistance mΩ         | 1                                                                                  | 1                                                                                  | 1                                                                                  | 5、1                                                                                | 2.5                                                                                  | 5、1                                                                                  | 2.5                                                                                  | 5                                                                                    |
| 絕緣電阻 Insulation Resistance MΩ      | 2000                                                                               | 2000                                                                               | 2000                                                                               | 2000                                                                               | 2000                                                                                 | 2000                                                                                 | 2000                                                                                 | 2000                                                                                 |

| WS28、WF28、WY28                     | 2                                                                                   | 3                                                                                   | 4                                                                                   | 7                                                                                   | 12                                                                                    | 16                                                                                    | 17                                                                                    | 20                                                                                    | 24                                                                                    | 26                                                                                    |
|------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 插針絕緣體正面圖<br>Male Contact Side View |  |  |  |  |  |  |  |  |  |  |
| 額定電流 Rated Current                 | 50A                                                                                 | 50A                                                                                 | 25A                                                                                 | 25A                                                                                 | 10A                                                                                   | 10A                                                                                   | 10A                                                                                   | 5A                                                                                    | 5A                                                                                    | 5A                                                                                    |
| 接觸件直徑 Contact Diameter             | Ø3.5x2                                                                              | Ø3.5x3                                                                              | Ø2.5x4                                                                              | Ø2.5x7                                                                              | Ø1.5x12                                                                               | Ø1.5x16                                                                               | Ø1.5x17                                                                               | Ø1x20                                                                                 | Ø1x24                                                                                 | Ø1x26                                                                                 |
| 工作電壓 Rated Voltage (AC.V)          | 500V                                                                                | 500V                                                                                | 500V                                                                                | 500V                                                                                | 500V                                                                                  | 500V                                                                                  | 500V                                                                                  | 400V                                                                                  | 400V                                                                                  | 400V                                                                                  |
| 耐電壓 Test Voltage (AC.V) 1 min      | 1500V                                                                               | 1500V                                                                               | 1500V                                                                               | 1500V                                                                               | 1500V                                                                                 | 1500V                                                                                 | 1500V                                                                                 | 1200V                                                                                 | 1200V                                                                                 | 1200V                                                                                 |
| 接觸電阻 Contact Resistance mΩ         | 0.5                                                                                 | 0.5                                                                                 | 1                                                                                   | 1                                                                                   | 2.5                                                                                   | 2.5                                                                                   | 2.5                                                                                   | 5                                                                                     | 5                                                                                     | 5                                                                                     |
| 絕緣電阻 Insulation Resistance MΩ      | 2000                                                                                | 2000                                                                                | 2000                                                                                | 2000                                                                                | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  |

| WS32、WF32、WY32                     | 4                                                                                   | 6                                                                                   | 8                                                                                   | 10                                                                                  | 10B                                                                                   | 11                                                                                    | 12                                                                                    | 13                                                                                    | 19                                                                                    |
|------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 插針絕緣體正面圖<br>Male Contact Side View |  |  |  |  |  |  |  |  |  |
| 額定電流 Rated Current                 | 50A                                                                                 | 10A、50A                                                                             | 10A、50A                                                                             | 10A、25A                                                                             | 25A                                                                                   | 25A                                                                                   | 25A                                                                                   | 10A、25A                                                                               | 10A                                                                                   |
| 接觸件直徑 Contact Diameter             | Ø3.5x4                                                                              | Ø1.5x2<br>Ø3.5x4                                                                    | Ø1.5x5<br>Ø3.5x3                                                                    | Ø1.5x5<br>Ø2.5x5                                                                    | Ø2.5x10                                                                               | Ø2.5x11                                                                               | Ø2.5x12                                                                               | Ø1.5x9<br>Ø2.5x4                                                                      | Ø1.5x19                                                                               |
| 工作電壓 Rated Voltage (AC.V)          | 500V                                                                                | 500V                                                                                | 500V                                                                                | 500V                                                                                | 500V                                                                                  | 500V                                                                                  | 500V                                                                                  | 500V                                                                                  | 500V                                                                                  |
| 耐電壓 Test Voltage (AC.V) 1 min      | 1500V                                                                               | 1500V                                                                               | 1500V                                                                               | 1500V                                                                               | 1500V                                                                                 | 1500V                                                                                 | 1500V                                                                                 | 1500V                                                                                 | 1500V                                                                                 |
| 接觸電阻 Contact Resistance mΩ         | 0.5                                                                                 | 2.5、0.5                                                                             | 2.5、0.5                                                                             | 2.5、1                                                                               | 1                                                                                     | 1                                                                                     | 1                                                                                     | 2.5、1                                                                                 | 2.5                                                                                   |
| 絕緣電阻 Insulation Resistance MΩ      | 2000                                                                                | 2000                                                                                | 2000                                                                                | 2000                                                                                | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  | 2000                                                                                  |



### 技術參數 Technical Data

IP67

| 項目 Item                       | 接點 Contacts                                                  |           |
|-------------------------------|--------------------------------------------------------------|-----------|
|                               | 3+PE                                                         | 6+PE      |
| 額定電流/電壓 Rated Current/Voltage | 16A/400V                                                     | 10A/250V  |
| 接線方式 Termination              | 螺絲固定 Screw                                                   | 焊接 Solder |
| 適用電纜 Wire Size                | 2.5mm <sup>2</sup> /AWG14Max. 0.75mm <sup>2</sup> /AWG18Max. |           |
| 觸點材料 Contact Material         | 銅鍍金 Gold-plated Brass                                        |           |
| 殼體材質 Shell Material           | PA66 UL94V-0                                                 |           |

### 威浦WA系列工業連接器 WEIPU WA Series Connector

|                                  |                                  |                                 |                                 |
|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>WA22J4TE2</b><br><br>3+PE<br> | <b>WA22J7TE1</b><br><br>6+PE<br> | <b>WA22K4Z2</b><br><br>3+PE<br> | <b>WA22K7Z1</b><br><br>6+PE<br> |
| <b>WA22K4ZE2</b><br><br>3+PE<br> | <b>WA22K7ZE1</b><br><br>6+PE<br> | <b>WA22J4Z2</b><br><br>3+PE<br> | <b>WA22J7Z1</b><br><br>6+PE<br> |

### 威浦TYP系列工業連接器 WEIPU TYP Series CEE Connector

CEE/IEC 60309-1 60309-2

| 230V 400V |          | IP44        |     |     | IP44                       |      |      | IP67        |     |     | IP67                       |      |      |
|-----------|----------|-------------|-----|-----|----------------------------|------|------|-------------|-----|-----|----------------------------|------|------|
|           |          | <br>插頭 Plug |     |     | <br>直插座 Panel Mount Socket |      |      | <br>插頭 Plug |     |     | <br>直插座 Panel Mount Socket |      |      |
| 電流 Amps   | 極數 Poles | 3           | 4   | 5   | 3                          | 4    | 5    | 3           | 4   | 5   | 3                          | 4    | 5    |
| 16A       | P/N      | 231         | 233 | 235 | 5601                       | 5618 | 5623 | 171         | 173 | 175 | 5602                       | 5619 | 5624 |
| 32A       | P/N      | 281         | 283 | 285 | 5801                       | 5818 | 5823 | 371         | 373 | 375 | 5802                       | 5819 | 5824 |
| 63A       | P/N      | 641         | 643 | 645 | 5901                       | 5918 | 5923 | 671         | 673 | 675 | 5902                       | 5919 | 5924 |

| 230V 400V |          | IP44                             |      |      | IP67                             |      |      | IP44                          |      |      | IP67                        |      |      |
|-----------|----------|----------------------------------|------|------|----------------------------------|------|------|-------------------------------|------|------|-----------------------------|------|------|
|           |          | <br>斜插座 Angle Panel Mount Socket |      |      | <br>斜插座 Angle Panel Mount Socket |      |      | <br>明裝插座 Surface Mount Socket |      |      | <br>空中對接連接器 Cable Connector |      |      |
| 電流 Amps   | 極數 Poles | 3                                | 4    | 5    | 3                                | 4    | 5    | 3                             | 4    | 5    | 3                           | 4    | 5    |
| 16A       | P/N      | 3601                             | 3618 | 3623 | 3602                             | 3619 | 3624 | 6601                          | 6618 | 6623 | 2602                        | 2619 | 2624 |
| 32A       | P/N      | 3801                             | 3818 | 3823 | 3802                             | 3819 | 3824 | 6801                          | 6818 | 6823 | 2802                        | 2819 | 2824 |
| 63A       | P/N      | 3901                             | 3918 | 3923 | 3902                             | 3919 | 3924 | 6901                          | 6918 | 6923 | 2902                        | 2919 | 2924 |