

The best Quality/Price ratio

# Standard Series

**JAEGER**  
Connecteurs



Mai-2003

- Receptacle, plug, cable connecting plug
- **Locking** : Coupling of the plug is provided by a knurled ring which screws on to the threaded shell of the receptacle.
- **Protection** : IP 50 to IP 54 with potting compound into the shell and gasket under receptacle.
- **Contacts** : 3 to 52 contacts  $\varnothing$  2mm,  $\varnothing$  3mm and or  $\varnothing$  4mm, with soldering contacts.
- **Max current rating** : 15A  $\varnothing$  2mm, 35A  $\varnothing$  3mm, 50A  $\varnothing$  4mm, in consideration of the number of contacts carrying the current, their diameters, and the temperature increase which is permissible.
- **Contact resistance between pin and socket** :  $<0.0015 \Omega \varnothing$  2mm,  $<0.0010 \Omega \varnothing$  3mm,  $<0.0007 \Omega \varnothing$  4mm

- **Flashover voltage between adjacent contacts** :  $>2500$  V A.C.
- **Flashover voltage between contacts closest to shell and shell** :  $>1500$  V A.C., ( $>2000$  V A.C. 4contacts  $\varnothing$  4mm)
- **Insulation resistance** :  $>5000$  M $\Omega$
- **Operating temperature range** : - 40°C to +100°C (500 hours at +125°C).
- **Raw material** : male and female contacts : Brass with gold finish.  
body: light metal alloy with nickel finish.
- **Max, wire cross section area** : 1,34 mm<sup>2</sup>  $\varnothing$  2mm - 3,18 mm<sup>2</sup>  $\varnothing$  3mm - 5,26 mm<sup>2</sup>  $\varnothing$  4mm.



## Part numbers : Pin insert receptacles, socket insert plugs and cable connecting plugs, pin insert

| Shell size | Contacts number | $\varnothing$ contacts |                 |                 | circular flanged receptacle** | Square flanged receptacle pin insert | Socket insert plug | Cable connecting plugs pin insert | Cable clamp *** Type 3 | Gaskets for receptacle | Protection caps receptacle | Protection cap socket insert plug |
|------------|-----------------|------------------------|-----------------|-----------------|-------------------------------|--------------------------------------|--------------------|-----------------------------------|------------------------|------------------------|----------------------------|-----------------------------------|
|            |                 | $\varnothing$ 2        | $\varnothing$ 3 | $\varnothing$ 4 |                               |                                      |                    |                                   |                        |                        |                            |                                   |
| 1          | 3               | 1                      | 2               |                 | 536 753 006                   | 038 351 006                          | 042 953 006        | 532 203 006                       | 630 135 006            | 536 945 006            | 536 910 006                | 532 260 006                       |
| 1          | 4               | 4                      |                 |                 | 536 754 006                   | 043 082 006                          | 043 085 006        | 532 204 006                       | 630 135 006            | 536 945 006            | 536 910 006                | 532 260 006                       |
| 1          | 6               | 6                      |                 |                 | 536 756 006                   | 038 355 006                          | 042 954 006        | 532 206 006                       | 630 135 006            | 536 945 006            | 536 910 006                | 532 260 006                       |
| 2          | 4*              |                        |                 | 4               |                               | 533 763 006                          | 530 763 006        | 530 768 006                       | 630 138 006            | 536 946 006            | 536 911006                 | 532 278 006                       |
| 2          | 8               | 6                      | 2               |                 | 536 758 006                   | 038 356 006                          | 042 955 006        | 532 208 006                       | 630 138 006            | 536 946 006            | 536 911006                 | 532 278 006                       |
| 2          | 12              | 12                     |                 |                 | 536 762 006                   | 038 359 006                          | 042 956 006        | 532 212 006                       | 630 138 006            | 536 946 006            | 536 911006                 | 532 278 006                       |
| 3          | 17              | 15                     | 2               |                 | 536 117 006                   | 038 322 006                          | 038 382 006        | 532 217 006                       | 630 155 006            | 536 947 006            | 536 912 006                | 532 262 006                       |
| 4          | 25              | 23                     | 2               |                 | 536 125 006                   | 042 986 006                          | 042 977 006        | 532 225 006                       | 630 155 006            | -                      | 536 913 006                | 532 263 006                       |
| 5          | 35              | 33                     | 2               |                 | 536 135 006                   | 043 001 006                          | 042 990 006        | 532 235 006                       | 630 175 006            | -                      | 536 914 006                | 532 264 006                       |
| 5          | 52              | 52                     |                 |                 | 533 706 006                   | 533 703 006                          | 530 703 006        | 530 707 006                       | 630 175 006            | -                      | 536 914 006                | 532 264 006                       |

## Part numbers : Socket insert receptacles, pin insert plugs and cable connecting plugs, socket insert

| Shell size | Contacts number | $\varnothing$ contacts |                 |                 | Socket insert receptacle | Pin insert plug | Cable connecting plug, socket insert | Cable clamp *** type 3 | Gaskets for receptacle | Backshells for receptacle | Protection caps receptacle | Protection cap pin insert plug |
|------------|-----------------|------------------------|-----------------|-----------------|--------------------------|-----------------|--------------------------------------|------------------------|------------------------|---------------------------|----------------------------|--------------------------------|
|            |                 | $\varnothing$ 2        | $\varnothing$ 3 | $\varnothing$ 4 |                          |                 |                                      |                        |                        |                           |                            |                                |
| 1          | 3               | 1                      | 2               |                 | 536 603 006              | 532 603 006     | 530 153 006                          | 630 135 006            | 536 945 006            | 536 935 006               | 536 910 006                | 532 265 006                    |
| 1          | 4               | 4                      |                 |                 | 536 604 006              | 532 604 006     | 530 154 006                          | 630 135 006            | 536 945 006            | 536 935 006               | 536 910 006                | 532 265 006                    |
| 1          | 6               | 6                      |                 |                 | 536 606 006              | 532 606 006     | 530 156 006                          | 630 135 006            | 536 945 006            | 536 935 006               | 536 910 006                | 532 265 006                    |
| 2          | 4*              |                        |                 | 4               | 533 760 006              | 530 760 006     | 530 753 006                          | 630 138 006            | 536 946 006            | 536 937 006               | 536 911006                 | 532 279 006                    |
| 2          | 8               | 6                      | 2               |                 | 536 608 006              | 532 608 006     | 530 158 006                          | 630 138 006            | 536 946 006            | 536 937 006               | 536 911006                 | 532 279 006                    |
| 2          | 12              | 12                     |                 |                 | 536 612 006              | 532 612 006     | 530 162 006                          | 630 138 006            | 536 946 006            | 536 937 006               | 536 911006                 | 532 279 006                    |
| 3          | 17              | 15                     | 2               |                 | 536 617 006              | 532 617 006     | 530 170 006                          | 630 155 006            | 536 947 006            | 536 996 006               | 536 912 006                | 532 267 006                    |
| 4          | 25              | 23                     | 2               |                 | 536 625 006              | 532 625 006     | 530 175 006                          | 630 155 006            | -                      | 536 880 006               | 536 913 006                | 532 268 006                    |
| 5          | 35              | 33                     | 2               |                 | 536 635 006              | 532 635 006     | -                                    | 630 175 006            | -                      | 536 881 006               | 536 914 006                | 532 269 006                    |
| 5          | 52              | 52                     |                 |                 | 533 700 006              | 530 700 006     | -                                    | 630 175 006            | -                      | 536 881 006               | 536 914 006                | 532 269 006                    |

\*The contact No.4 of the receptacle Part No.533 760 006 and that of the cable connecting plug Part No.530 753 006, establishing an electrical liaison before the three other contacts and breaking it after they are uncoupled, can be used for earthing purposes.

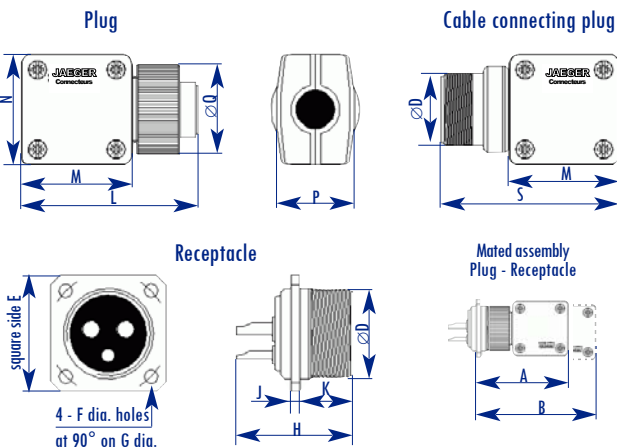
\*\*Circular flanged receptacle : 3 to 12 contacts, nut mounting - 17, 25, 35 and 52 contacts, with gasket und flange to be installed with 4 screws and nuts.

\*\*\*Cable-clamp, refer to the other documentation.

- Accessories for secure connectors shell sizes 1 and 2, please consult our sales office.

- Other accessories : bushings - solder type ferrule adapters - ferrule adaptors with pg thread - Screw type adapters for uncovered or covered flexible conduits - proofing accessories.

## Dimensions :



| Shell size | cts number | Mated assembly |      | Pin insert receptacle    |    |     |    |      |   |      | Socket insert plug-Cable connecting plug, pin insert |      |      |      |    |    |
|------------|------------|----------------|------|--------------------------|----|-----|----|------|---|------|--|------|------|------|----|----|
|            |            | A              | B    | D                        | E  | F   | G  | H    | J | K    | L  | M    | N    | P    | Q  | S  |
| 1          | 3-4-6      | 52             | 64   | 21                       | 27 | 3,2 | 28 | 24,8 | 2 | 12   | 50   | 32,2 | 32,2 | 20,2 | 26 | 50 |
| 2          | 4          | 56             | 68   | 27                       | 32 | 3,2 | 34 | 29   | 2 | 12   | 54   | 36,4 | 36,4 | 23,5 | 33 | 54 |
| 2          | 8-12       | 56             | 68   | 27                       | 32 | 3,2 | 34 | 24   | 2 | 12   | 54   | 36,4 | 36,4 | 23,5 | 33 | 54 |
| 3          | 17         | 64             | 75   | 39                       | 43 | 4,2 | 48 | 22,5 | 2 | 12   | 61   | 42,6 | 47,6 | 31,3 | 44 | 62 |
| 4          | 25         | 71             | 83   | 45                       | 47 | 4,2 | 54 | 23,7 | 2 | 12   | 67,3   | 47,8 | 53,8 | 30,6 | 51 | 69 |
| 5          | 35         | 77,5           | 89,5 | 52                       | 54 | 4,2 | 62 | 28,7 | 2 | 12   | 75   | 55   | 61,5 | 42,2 | 58 | 76 |
| 5          | 52         | 77,5           | 89,5 | 52                       | 54 | 4,2 | 62 | 27,5 | 2 | 12   | 75   | 55   | 61,5 | 42,2 | 59 | 76 |
| Shell size | cts number | Mated assembly |      | Socket insert receptacle |    |     |    |      |   |      | Pin insert plug-Cable connecting plug socket insert  |      |      |      |    |    |
|            |            | A              | B    | D                        | E  | F   | G  | H    | J | K    | L  | M    | N    | P    | Q  | S  |
| 1          | 3-4-6      | 56             | 66   | 21                       | 27 | 3,2 | 28 | 25   | 2 | 16   | 49   | 32,2 | 32,2 | 20,2 | 26 | 51 |
| 2          | 4          | 60             | 70   | 27                       | 32 | 3,2 | 34 | 31   | 2 | 16   | 53   | 36,4 | 36,4 | 23,5 | 33 | 55 |
| 2          | 8-12       | 60             | 70   | 27                       | 32 | 3,2 | 34 | 24   | 2 | 16   | 53   | 36,4 | 36,4 | 23,5 | 33 | 55 |
| 3          | 17         | 70             | 80   | 39                       | 43 | 4,2 | 48 | 26   | 2 | 18,5 | 59   | 42,6 | 47,6 | 31,3 | 44 | 68 |
| 4          | 25         | 77             | 87   | 45                       | 47 | 4,2 | 54 | 26   | 2 | 18,5 | 67,2   | 47,8 | 53,8 | 30,6 | 51 | 73 |
| 5          | 35         | 84             | 94   | 52                       | 54 | 4,2 | 62 | 26   | 2 | 18,5 | 73   | 55   | 61,5 | 42,2 | 58 | 76 |
| 5          | 52         | 82             | 89   | 52                       | 54 | 4,2 | 62 | 32,5 | 2 | 18,5 | 75   | 55   | 61,5 | 42,2 | 59 | 76 |