Weatherproof Series

- 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 65.
- Contacts: 3 to 52 contacts Ø 2mm, Ø 3mm and or Ø 4mm, with soldering contacts.
- Max. current rating: 15A Ø 2mm, 35A Ø 3mm, 50A Ø 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 Ω∅, <0.001Ω ∅ 2mm, <0.001Ω ∅ 3mm, <0.0007Ω ∅ 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. 4 contacts Ø 4mm).
- Insulation resistance: >5000 MΩ.
- Operating temperature range: -40°C to +100°C (500 hours at +125°C).
- Max. wire cross section area: 1,34 mm² Ø 2mm - 3,18 mm² Ø 3mm - 5,26 mm² Ø 4mm.

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

| Shell size | Number of contacts | Ø contacts | Ø3 contacts | Ø4 contacts | Male Receptacle | Male Straight plug with small dia. cable-clamp | Male Receptacle PL with large dia. cable-clamp | Cable dia. for cable-clamp max. | Female Receptacle | Female Straight plug with small dia. cable-clamp | Female Receptacle PL with large dia. cable-clamp | Cable dia. for cable-clamp max. | Protection caps receptacle | Protection cap pin insert plug | Protection cap socket insert plug |
|------------|--------------------|------------|------------|------------|----------------|---------------------------------|---------------------------------|-------------------------|----------------|---------------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|
| 1          | 3 4 6             | 1          | 2          | 3          | 536 755 006 | 038 351 006 532 401 006 | 532 481 006 9 10 | 532 411 006                             | 532 471 006 | 9 12                              | 532 471 006                             | 9 12                              | 530 773 006                             | 530 776 006                             | 12 15                           |
| 2          | 8 16 25           | 4          | 4          |           | 536 758 006 | 038 356 006 532 404 006 | 532 484 006 9 13,5 | 532 414 006                             | 532 474 006 | 12 15                            | 532 474 006                             | 12 15                            | 530 773 006                             | 530 776 006                             | 12 15                           |
| 3          | 17 25 35          | 2          | 2          | 3          | 536 117 006 | 038 322 006 532 406 006 | 532 486 006 9 12,5 | 532 416 006                             | 532 476 006 | 16 23                            | 532 476 006                             | 16 23                            | 530 773 006                             | 530 776 006                             | 16 23                           |
| 4          | 35 52             | 2          | 2          | 3          | 536 356 006 | 043 001 006 532 408 006 | 532 488 006 8 12,5 | 532 418 006                             | 532 478 006 | 22 32                            | 532 478 006                             | 22 32                            | 530 773 006                             | 530 776 006                             | 22 32                           |

Part numbers: Socket insert receptacles, pin insert plugs

- Gaskets for receptacle: “shell size 1” 536 945 006 - “shell size 2” 536 946 006 - “shell size 3” 536 947 006
- Rubber sealing grommets are available for use with these different types of adaptors; delivered with all connectors, their use is compulsory with plugs.

*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.

- Other accessories: Screw type adaptors for uncovered or covered flexible conduit - proofing accessories.
- Both front and back of plug and receptacle inserts have numbers for easy contact identification.

Dimensions: