

# NEOZED D0 fuse-bases 400VAC

## FUSE HOLDERS, FUSE BASES AND SUPPORTS

### IEC D0 & D FUSE BASES



The D0 fuse-system is installed in low voltage distribution units, where fuse-links are accessible to non trained persons and can also be replaced by them.

This system is the newest generation of screw fuse-system in the german DIN standard and is designed for 400VAC/250VDC networks.

The D0 fuse-bases are available in the sizes D01, D02 and D03.

D0 fuse-bases are used in combination with D0 fuse-links for the protection of cables and power lines. D0 fuse-links limit and cut-off unacceptable overcurrents and short circuit currents up to their nominal breaking capacity. They also protect equipments and installations against dynamic effects of high short circuit currents.

## TECHNICAL DATA OVERVIEW

|                  |                 |
|------------------|-----------------|
| Voltage Range AC | 400 ... 440 VAC |
| Ampere Range (A) | 16 ... 100 A    |
| Product Size     | D01 to D03      |

## FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel plated copper alloy
- Safe cut-off short circuits and over currents due to special design of fuse element
- Clear indication of operation condition due coloured indicator on top contact
- Low power dissipation
- Optimized size
- Resistant to aging

## APPLICATIONS

- House incoming units
- Meter distribution units
- Distribution cabinets
- Installation cabinets
- Fuse boxes

## STANDARDS

- DIN VDE 0636-3
- DIN EN 60715



# NEOZED DO fuse-bases 400VAC

## PRODUCT RANGE



01720.170000

### Size D01 (E14) with touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01720.170000   | B211463     | 400 V                  | 16 A                         | 1                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 76.7 g | 20      |
| 01720.370000   | T215550     | 400 V                  | 16 A                         | 1                      | Cross section 1,5 to 4 mm <sup>2</sup> | 3                 | 69.5 g | 20      |
| 01730.172000   | A219144     | 400 V                  | 16 A                         | 3                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 217 g  | 5       |



01720.150000

### Size D01 (E14) without touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01720.150000   | J200660     | 400 V                  | 16 A                         | 1                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 68 g   | 20      |
| 01730.152000   | B216063     | 400 V                  | 16 A                         | 3                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 41 g   | 5       |



01720.100000

### Size D01 (E14) without touch protection, screw mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01720.100000   | Z216061     | 400 V                  | 16 A                         | 1                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 3.2 g  | 20      |
| 01730.100000   | K200661     | 400 V                  | 16 A                         | 3                      | Cross section 1,5 to 4 mm <sup>2</sup> | 1                 | 40 g   | 5       |



01721.270000

### Size D02 (E18) with touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                              | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------------|--------|---------|
| 01721.270000   | M200663     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 89.5 g | 20      |
| 01721.470000   | K218624     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 93 g   | 20      |
| 01731.272000   | E222874     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 278 g  | 5       |
| 01731.472000   | K213518     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 246 g  | 5       |



01721.450000

### Size D02 (E18) without touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                              | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------------|--------|---------|
| 01721.250000   | J218623     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 72 g   | 20      |
| 01721.450000   | W215552     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 72 g   | 20      |
| 01731.252000   | Y217601     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 252 g  | 5       |
| 01731.452000   | M211979     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 46.2 g | 5       |



01721.200000

### Size D02 (E18) without touch protection, screw mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                              | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------------|--------|---------|
| 01721.200000   | M214532     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 71.5 g | 20      |
| 01721.400000   | F213008     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 72 g   | 20      |
| 01731.200000   | F216573     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 240 g  | 5       |
| 01731.400000   | K206365     | 400 V                  | 63 A                         | 3                      | Cross section 1,5 to 25 mm <sup>2</sup> | 4                 | 9 g    | 5       |

# NEOZED D0 fuse-bases 400VAC

## PRODUCT RANGE



01722.470000

### Size D03 (M30x2) with touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01722.470000   | F216067     | 400 V                  | 100 A                        | 1                      | Cross section 10 to 50 mm <sup>2</sup> | 4                 | 220 g  | 10      |



01722.450000

### Size D03 (M30x2) without touch protection, DIN rail mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01722.450000   | Q214535     | 400 V                  | 100 A                        | 1                      | Cross section 10 to 50 mm <sup>2</sup> | 4                 | 200 g  | 10      |



01722.400000

### Size D03 (M30x2) without touch protection, screw mounting

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01722.400000   | J213011     | 400 V                  | 100 A                        | 1                      | Cross section 10 to 50 mm <sup>2</sup> | 4                 | 194 g  | 10      |

### Size D01-D03 general fuse-bases with cover cap

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01722.480000   | H219680     | D03  | 400 V                  | 100 A                        | 1                      | Cross section 10 to 50 mm <sup>2</sup> | 4                 | 260 g  | 10      |

### Size D01-D03 general fuse-bases with cover cap, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                             | Cable termination | Weight | Package |
|----------------|-------------|------|------------------------|------------------------------|------------------------|----------------------------------------|-------------------|--------|---------|
| 01722.430000   | K214024     | D03  | 400 V                  | 100 A                        | 1                      | Cross section 10 to 50 mm <sup>2</sup> | 4                 | 254 g  | 10      |



01738.250000

### Size D02 triple-pole fuse-bases without touch protection

| Catalog number         | Item number | Rated voltage AC (IEC) | Rated current I <sub>n</sub> | Number of poles/phases | Connection                              | Cable termination | Weight | Package |
|------------------------|-------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------------|--------|---------|
| <b>snap-on fixing</b>  |             |                        |                              |                        |                                         |                   |        |         |
| 01738.250000           | B218110     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 42.6 g | 5       |
| <b>screw-on fixing</b> |             |                        |                              |                        |                                         |                   |        |         |
| 01738.200000           | Z217602     | 400 V                  | 63 A                         | 1                      | Cross section 1,5 to 25 mm <sup>2</sup> | 2                 | 41.6 g | 5       |

# NEOZED D0 fuse-bases 400VAC

## PRODUCT RANGE

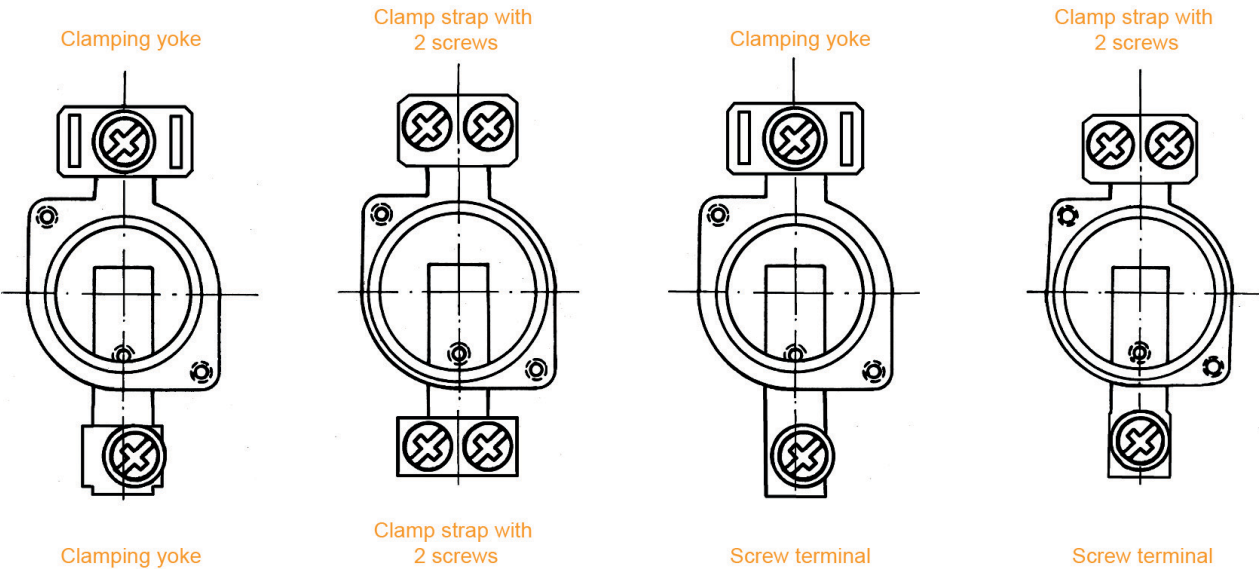


### Size D01-D03 cover caps for touch protection

| Catalog number                                             | Item number | Size   | Number of poles/phases | Weight | Package |
|------------------------------------------------------------|-------------|--------|------------------------|--------|---------|
| <b>Base Size D01/D02, triple-pole (standard), write on</b> |             |        |                        |        |         |
| 01732.700000                                               | M216579     | D01/02 | 3                      | 22.7 g | 20      |
| <b>Base Size D01/D02, single-pole (standard), write on</b> |             |        |                        |        |         |
| 01718.700000                                               | V200670     | D01/02 | 1                      | 9.6 g  | 50      |
| <b>Base Size D03, single-pole</b>                          |             |        |                        |        |         |
| 01728.000000                                               | V211986     | D03    | 1                      | 20.5 g | 40      |

## DIMENSIONS

### Terminal Type

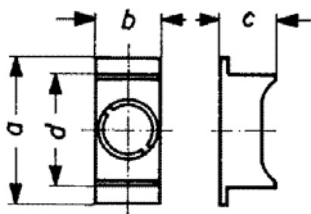


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# NEOZED D0 fuse-bases 400VAC

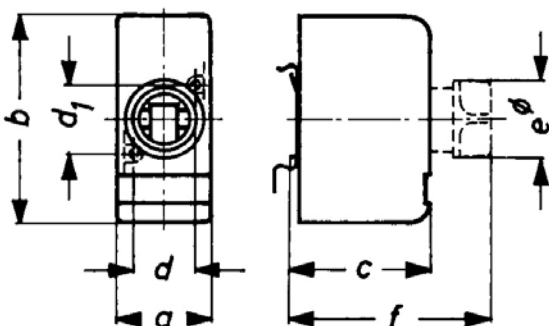
## DIMENSIONS

### NEOZED protection-cover NEOZED fuse-bases single pole



| Article Number | a  | b    | c  |
|----------------|----|------|----|
| 01718.008000   | 60 | 26,8 | 23 |
| 01718.008000   | 71 | 26,8 | 23 |
| 01728.000000   | 60 | 44   | 18 |
| 01732.700000   | 71 | 81   | 23 |

Dimensions in mm



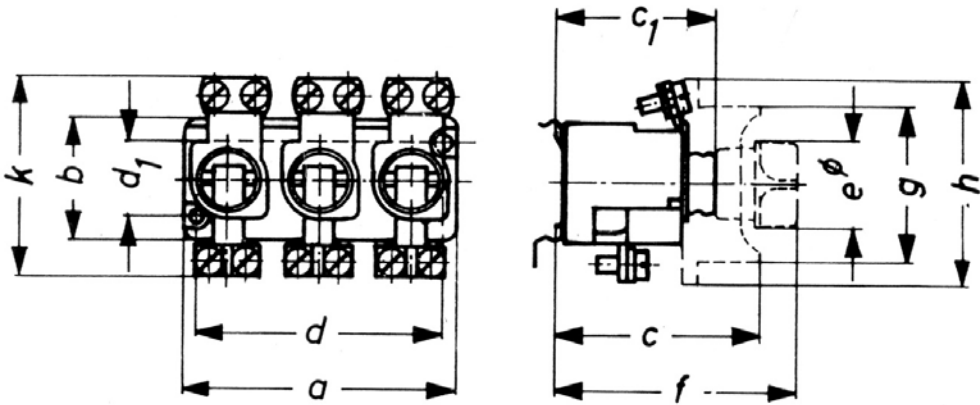
| Article Number | a  | b   | c  | d  | d1 | eØ | f  |
|----------------|----|-----|----|----|----|----|----|
| 01722.430000   | 50 | 105 | 48 | 32 | 32 | 40 | 74 |
| 01722.480000   | 50 | 105 | 50 | 32 | 32 | 40 | 76 |

Dimensions in mm

# NEOZED D0 fuse-bases 400VAC

## DIMENSIONS

### NEOZED fuse-bases



| Article Number | a  | b  | c    | c1   | d  | d1 | eØ   | f  | g   | h  | k    |
|----------------|----|----|------|------|----|----|------|----|-----|----|------|
| 01720.100000   | 26 | 36 | -    | 39,5 | 20 | 22 | 25,5 | 64 | 34Ø | -  | 50,5 |
| 01721.200000   | 26 | 36 | -    | 39,5 | 20 | 22 | 25,5 | 64 | 34Ø | -  | 57,5 |
| 01721.400000   | 26 | 36 | -    | 39,5 | 20 | 22 | 25,5 | 64 | 34Ø | -  | 57,5 |
| 01722.400000   | 44 | 50 | -    | 44   | 32 | 32 | 40   | 74 | 52Ø | -  | 86   |
| 01730.100000   | 81 | 36 | -    | 39,5 | 74 | 22 | 25,5 | 64 | -   | -  | 50,5 |
| 01731.200000   | 81 | 36 | -    | 39,5 | 74 | 22 | 25,5 | 64 | -   | -  | 57,5 |
| 01731.400000   | 81 | 36 | -    | 39,5 | 74 | 22 | 25,5 | 64 | -   | -  | 57,5 |
| 01720.150000   | 26 | 36 | -    | 41,5 | 20 | 22 | 25,5 | 66 | 34Ø | -  | 50,5 |
| 01721.250000   | 26 | 36 | -    | 41,5 | 20 | 22 | 25,5 | 66 | 34Ø | -  | 57,5 |
| 01721.450000   | 26 | 36 | -    | 41,5 | 20 | 22 | 25,5 | 66 | 34Ø | -  | 57,5 |
| 01722.450000   | 44 | 50 | -    | 46   | 32 | 32 | 40   | 76 | 52Ø | -  | 86   |
| 01720.170000   | 27 | 36 | 57   | 41,5 | 20 | 22 | 25,5 | 66 | 45  | 71 | 50,5 |
| 01721.270000   | 27 | 36 | 57   | 41,5 | 20 | 22 | 25,5 | 66 | 45  | 71 | 57,5 |
| 01721.470000   | 27 | 36 | 57   | 41,5 | 20 | 22 | 25,5 | 66 | 45  | 71 | 57,5 |
| 01722.470000   | 44 | 50 | 54,5 | 46   | 32 | 32 | 40   | 76 | 45  | 71 | 86   |
| 01730.152000   | 81 | 36 | -    | 41,5 | 74 | 22 | 25,5 | 66 | -   | -  | 50,5 |
| 01731.252000   | 81 | 36 | -    | 41,5 | 74 | 22 | 25,5 | 66 | -   | -  | 57,5 |
| 01731.452000   | 81 | 36 | -    | 41,5 | 74 | 22 | 25,5 | 66 | -   | -  | 57,5 |
| 01730.172000   | 81 | 36 | 57   | 41,5 | 74 | 22 | 25,5 | 66 | 45  | 71 | 50,5 |
| 01731.272000   | 81 | 36 | 57   | 41,5 | 74 | 22 | 25,5 | 66 | 45  | 71 | 57,5 |
| 01731.472000   | 81 | 36 | 57   | 41,5 | 74 | 22 | 25,5 | 66 | 45  | 71 | 57,5 |

Dimensions in mm

# NEOZED D0 fuse-bases 400VAC

## ACCESSORIES



01714.000200



01715.000200



11714.000220



11715.000220



01715.000000

### D0 screw caps 400V AC synthetic

| Catalog number | Item number | Description                                                | Weight | Package |
|----------------|-------------|------------------------------------------------------------|--------|---------|
| 01714.000200   | E212501     | D01, E14, 16A, with testing hole                           | 11.8 g | 20      |
| 01715.000200   | P211981     | D02, E18, 63A, with testing hole                           | 11.6 g | 20      |
| 11714.000220   | R214536     | D01, E14, 16A, with sealing and testing hole               | 11.6 g | 20      |
| 11715.000220   | S214537     | D02, E18, 63A, with sealing and testing hole               | 11.6 g | 20      |
| 01715.000000   | L206435     | D02, E18, 63A, without testing hole                        | 12 g   | 20      |
| 01715.890200   | M214026     | D02, E18, 63A, with adapter insert for fuse links size D01 | 12.4 g | 20      |



01711.000200



01770.000200

### D0 screw caps 400/440 VAC, 250 V DC porcelain, with removal grips

| Catalog number | Item number | Description                         | Weight | Package |
|----------------|-------------|-------------------------------------|--------|---------|
| 01711.000200   | T215044     | D02, E18, 63A, with testing hole    | 18.5 g | 20      |
| 01712.000200   | V215045     | D03, M30x2, 100A, with testing hole | 84 g   | 10      |
| 01770.000200   | F1033740    | D01, E14, 16A, with testing hole    | 16.4 g | 20      |



01705.002000



01705.004000



01705.006000



01705.010000

### D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Description | Weight | Package |
|----------------|-------------|-------------|--------|---------|
| 01705.002000   | J216576     | 2A, pink    | 0.4 g  | 50      |
| 01705.004000   | J219681     | 4A, brown   | 0.4 g  | 50      |
| 01705.006000   | P206438     | 6A, green   | 0.4 g  | 50      |
| 01705.010000   | M213014     | 10A, red    | 0.4 g  | 50      |

# NEOZED D0 fuse-bases 400VAC

## ACCESSORIES



01706.020000



01706.025000



01706.035000



01706.050000



01706.002000



01706.004000



01706.006000



01706.010000



01706.016000



01707.080000

### D0 cartridge ring adapter inserts

### D02 E18

| Catalog number | Item number | Description | Application                          | Weight | Package |
|----------------|-------------|-------------|--------------------------------------|--------|---------|
| 01706.020000   | S200668     | 20A, blue   | -                                    | 0.5 g  | 50      |
| 01706.025000   | R213524     | 25A, yellow | -                                    | 0.6 g  | 50      |
| 01706.035000   | J216070     | 35A, black  | -                                    | 0.5 g  | 50      |
| 01706.050000   | R218630     | 50A, white  | -                                    | 0.7 g  | 50      |
| 01706.002000   | K216577     | 2A, pink    | For D01 fuse links in D02 fuse bases | 0.5 g  | 50      |
| 01706.004000   | S222127     | 4A, brown   | For D01 fuse links in D02 fuse bases | 0.6 g  | 50      |
| 01706.006000   | R211983     | 6A, green   | For D01 fuse links in D02 fuse bases | 0.6 g  | 50      |
| 01706.010000   | H216069     | 10A, red    | For D01 fuse links in D02 fuse bases | 0.6 g  | 50      |
| 01706.016000   | Q218629     | 16A, grey   | For D01 fuse links in D02 fuse bases | 0.5 g  | 50      |

### D0 cartridge ring adapter inserts

### D03 M30x2

| Catalog number | Item number | Description | Weight | Package |
|----------------|-------------|-------------|--------|---------|
| 01707.080000   | T200669     | 80A, silver | 1.6 g  | 20      |

# NEOZED D0 fuse-bases 400VAC

## ACCESSORIES



01714.800000



01714.830000

### Locking devices

| Catalog number | Item number | Description                                                           | Weight | Package |
|----------------|-------------|-----------------------------------------------------------------------|--------|---------|
| 01714.800000   | D212546     | Locking cap for D01 E14 fuse-bases for authorized personal only (EVU) | 12.2 g | 5       |
| 01714.810000   | P213062     | Locking cap for D01 E14 fuse-bases                                    | 12.4 g | 5       |
| 01714.830000   | J214069     | Special key for locking caps                                          | 32.9 g | 1       |
| 01715.800000   | R214582     | Locking cap for D02 E18 fuse-bases for authorized personal only (EVU) | 14 g   | 5       |
| 01715.810000   | Y215094     | Locking cap for D02 E18 fuse-bases                                    | 13.7 g | 5       |



01707.000000



01713.000000

### Adapter inserts

| Catalog number | Item number | Description                                                      | Weight | Package |
|----------------|-------------|------------------------------------------------------------------|--------|---------|
| 01707.000000   | T211985     | Adapter (space holder) for Size D02 fuse-links in Size D03 bases | 17.4 g | 30      |
| 01709.000000   | P214028     | Adapter for Size D02 fuse-links in Size D03 bases                | 1.3 g  | 25      |
| 01713.000000   | Z215049     | Adapter for Size D01 fuse-links in Size D02 bases                | 0.9 g  | 50      |
| 01733.000000   | J218117     | Adapter for Size D01 fuse-links in DL-bases                      | 0.2 g  | 100     |



01708.000000

### Adapter removal and fitting devices

| Catalog number | Item number | Description                                                                                      | Weight | Package |
|----------------|-------------|--------------------------------------------------------------------------------------------------|--------|---------|
| 01708.000000   | J212505     | Screw removal and insertion key to remove and insert cartridge ring adapter inserts size D01-D03 | 19.7 g | 1       |