

**KDSX (Klippon double sealing SWB/STA Ex cable gland)**  
**KDSX M63 BS O SC 1 G63**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
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The KDSX features a special ring in the shape of a truncated cone. The braided armouring on the ring makes a connection between the cables and lines possible. The armour ensures a conductive connection between the cable and the cable gland. In addition, the KDSX comes with two seals which provide sealing for the outer and inner parts of the cable insulation. The cable armouring is located between the inner and outer insulation. The cable gland is equipped with a silicone seal for temperatures ranging from -60°C to +180°C. This sealing material allows you to achieve IP66 or IP67 protection. The KDSX is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

**General ordering data**

|            |   |
|------------|---|
| Type       | KDSX M63 BS O SC 1 G63  |
| Order No.  | <a href="#">1135840000</a>  |
| Version    | KDSX (Klippon double sealing SWB/STA Ex cable gland), Cable glands, M 63, 19 mm, Braided armouring, 0.5 - 0.8 mm, OD min. 53.8 - OD max. 61.2 mm, ID min. 49.50 - ID max. 56.00 mm, IP66, IP68 - 2.5 bar, Brass |
| GTIN (EAN) | 4032248968305   |
| Qty.       | 1 pc(s).  |

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 76 mm   | Length (inches) | 2.992 inch |
| Net weight | 1,140 g |                 |            |

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### General information

|                                   |                                       |                                   |   |
|-----------------------------------|---------------------------------------|-----------------------------------|---|
| Material                          | Brass                                 | Cable glands                      | metric, brass   |
| External thread                   | M 63                                  | Pitch of thread                   | 1.5 mm  |
| Length of thread                  | 19 mm                                 | AF size 1                         | 80 mm   |
| Protection degree                 | IP54                                  | Protection degree with GWDR       | IP66, IP68 - 2.5 bar  |
| Water depth                       | 25 m (30 Min.)                        | Operating temperature range, min. | -60 °C  |
| Operating temperature range, max. | 180 °C                                | Outer cable diameter, min.        | 53.8 mm   |
| Outer cable diameter, max.        | 61.2 mm                               | Inner cable diameter, min.        | 49.5 mm   |
| Inner cable diameter, max.        | 56 mm                                 | Type of armouring, short term     | SWB   |
| Type of armouring                 | Braided armouring                     | Armour, min.                      | 0.5 mm  |
| Armour, max.                      | 0.8 mm                                | Size of protective cap            | L80   |
| O-Ring                            | Silicone                              | Seal insert                       | Silicone  |
| Sealing                           |                                       | Explosion protection type         | Improved safety Ex e,<br>Pressure-resistant Ex d<br>encapsulation |
| Installation guidelines           | Silicone<br>See assembly instructions |                                   |   |

### Classifications

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0   | EC000441    |
| eClass 9.0  | 27-14-44-32 | eClass 9.1 | 27-14-44-34 |
| eClass 10.0 | 27-14-44-32 |            |             |

### Approvals

Approvals



|           |                  |
|-----------|------------------|
| Approvals | EAC; ATEX; IECEX |
| ROHS      | Conform          |

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - Klippon KDSX cable Gland - DoC DE PS2680 160315 003ISS01</a>   |
| Brochure/Catalogue                          | <a href="#">MB OVERV. PROCESS WD DE</a><br><a href="#">MB PROCESS EN</a><br><a href="#">CAT 5 ENCL 17/18 EN</a><br><a href="#">PI KLIPPON CABLE GL EN</a> |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>  |
| Engineering Data                            | <a href="#">STEP</a>  |
| User Documentation                          | <a href="#">Notice to Installers</a><br><a href="#">Assembly guidelines</a>   |

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Accessories**

**Protective caps - PVC**



The KSPs are protective caps made from PVC. They protect disconnected cable glands from external environmental influences (e.g., dust) when delivered in a pre-assembled enclosure.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | KSP L80                    | Version                                   |
| Order No.  | <a href="#">1736630000</a> | KSP (Klippon shroud), Protective cap, PVC |
| GTIN (EAN) | 4008190956295              |   |
| Qty.       | 10 pc(s).                  |   |

**Protective caps - silicone**



The KSPs are protective caps made from PVC. They protect disconnected cable glands from external environmental influences (e.g., dust) when delivered in a pre-assembled enclosure.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | KSP L80 S                  | Version  |
| Order No.  | <a href="#">0930700007</a> | KSP (Klippon shroud), Protective cap, Silicone |
| GTIN (EAN) | 4032248976027              |  |
| Qty.       | 10 pc(s).                  |  |

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**Accessories**
**Brass nuts, standard, natural**


Weidmüller has a variety of different cable and wire entry systems in the Portfolio: with different designs of plastic, brass and stainless steel cable glands in the IP66, 67, 68 or IP69k protection classes. As a complete alternative to cable glands, pre-assembled cables with modular multi-wire or multi-cable entry systems can be simply and quickly inserted into electrical equipment. Last but not least, Weidmüller offers EX-certified cable glands and cable/wire entry systems.

- Cable glands made from plastic and brass
- EMC screwed joints
- for areas at risk of explosion
- VDE, CSA and UL approvals

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | SKMU M63 MS SC             | Version   |
| Order No.  | <a href="#">0930640007</a> | SKMU MS (brass locknut), Locknut, M 63, 6.5 mm, Brass |
| GTIN (EAN) | 4032248976119              |   |
| Qty.       | 5 pc(s).                   |   |

**Klippon® KSWN Nylon**


The KSWN is a flat seal made from nylon suitable for optional large-surface sealing of cable glands on enclosures or electrical cabinets.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | KSWN M63                   | Version   |
| Order No.  | <a href="#">1076660000</a> | KSWN (flat gasket - nylon), Sealing ring, M 63, Nylon 6 |
| GTIN (EAN) | 4032248838707              |   |
| Qty.       | 25 pc(s).                  |   |

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**Accessories**

**Nickel-plated earthing ring**



The range of cable glands is rounded off by a large number of accessories.

Earthing rings are best used when a cable shielding is being tightened onto the cable gland, and when it has the same potential as another cable gland on the housing.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | EA-RING MS/M 63            | Version  |
| Order No.  | <a href="#">1736540000</a> | EA (earthing rings), Earthing ring, M 63, Brass, nickel-plated |
| GTIN (EAN) | 4008190963651              |  |
| Qty.       | 10 pc(s).                  |  |

**Safety serrated washer**



The range of cable glands is rounded off by a large number of accessories.

The serrated stainless steel washers are used to prevent loosening of the assembled cable glands.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | SZS M63                    | Version   |
| Order No.  | <a href="#">1736360000</a> | SZS (serrated washer), Retaining toothed washers, M 63, Stainless steel 1.4404 (316L) |
| GTIN (EAN) | 4008190963569              |   |
| Qty.       | 5 pc(s).                   |   |