

**A2LC/63S/M63-M63F-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

A2LC type cable glands are suitable for un-armored cable and provide a conduit connection female thread, maintains flameproof Ex d and Increased Safety Ex e explosion protection.

**General ordering data**

|            |  |
|------------|--|
| Version    | A2LC (Klippon unarmored with conduit connection thread, Ex e/d cable gland), Cable glands, straight, M 63 x 1.5, 19 mm, OD min. 43.5 - OD max. 50.1 mm, Brass, nickel-plated |
| Order No.  | <a href="#">1205170000</a>   |
| Type       | A2LC/63S/M63-M63F-WM   |
| GTIN (EAN) | 4050118074666  |
| Qty.       | 4 pc(s).   |

Creation date July 1, 2024 10:17:30 AM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

**A2LC/63S/M63-M63F-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 60.8 mm | Height (inches) | 2.394 inch |
| Width      | 83 mm   | Width (inches)  | 3.268 inch |
| Length     | 79.8 mm | Length (inches) | 3.142 inch |
| Net weight | 920 g   |                 |            |

**Temperatures**

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -50 °C...120 °C |
|-----------------------|-----------------|

**Certificate numbers cable gland**

|                                   |   |                                     |                    |
|-----------------------------------|---|-------------------------------------|--------------------|
| Certificate No. (IECEX)           | IECEXTPS16.0004X                                    | Certificate no. cable gland (ATEX)  | TÜV IT 16ATEX 059X |
| Certificate no. cable gland (CCC) | 2020322313000069                                    | Certificate no. cable gland (IECEX) | IECEX TPS 16.0004X |
| Identification                    | II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da |                                     |                    |

**General information**

|                                   |   |                                   |                           |
|-----------------------------------|---|-----------------------------------|---------------------------|
| AF size 1                         | 75 mm   | AF size 2                         | 75 mm                     |
| Cable glands                      | M 63  | Conduit thread size (metric)      | M63                       |
| Explosion protection type         | Ex d - flameproof, Ex e - increased safety  | External thread                   | M 63 x 1.5                |
| Halogen                           | No  | Installation guidelines           | See assembly instructions |
| Length of thread                  | 19 mm   | Material                          | Brass, nickel-plated      |
| O-Ring                            | Silicone  | Operating temperature range, max. | 120 °C                    |
| Operating temperature range, min. | -50 °C  | Outer cable diameter, max.        | 50.1 mm                   |
| Outer cable diameter, min.        | 43.5 mm   | Pitch of thread                   | 1.5 mm                    |
| Protection degree                 | IP66, IP68  | Seal insert                       | Silicone                  |
| Sealing                           | Silicone  | Silicone                          | Yes                       |
| Standards                         | EN 60079-0, EN 60079-1, EN 60079-31, EN 60079-7, GB 12476.1, GB 12476.5, GB 3836.1, GB 3836.2, GB 3836.3, IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 60079-7 | Tightening torque                 | 130 Nm                    |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0    | EC000441    |
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ECLASS 9.0  | 27-14-44-32 | ECLASS 9.1  | 27-14-44-34 |
| ECLASS 10.0 | 27-14-44-32 | ECLASS 11.0 | 27-14-44-32 |
| ECLASS 12.0 | 27-14-08-04 | ECLASS 13.0 | 27-14-08-04 |

**Environmental Product Compliance**

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 9706e29a-947e-49f2-a4db-8015ded62160 |

**A2LC/63S/M63-M63F-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">ATEX certification</a><br><a href="#">IEC Ex certification</a><br><a href="#">CCC approval of Cable glands</a><br><a href="#">CE Declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| User Documentation                          | <a href="#">Notice of installation</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |

**A2LC/63S/M63-M63F-WM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Nylon flat washer - GWDR**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

**General ordering data**

|            |                            |                                |
|------------|----------------------------|--------------------------------|
| Type       | GWDR M63-W                 | Version                        |
| Order No.  | <a href="#">1185670000</a> | in closed state, M 63, Nylon 6 |
| GTIN (EAN) | 4064675423270              |                                |
| Qty.       | 10 pc(s).                  |                                |

**Brass lock nuts, nickel-plated**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | SKMU M63 MS                | Version  |
| Order No.  | <a href="#">1737050000</a> | SKMU MS (brass locknut), Locknut, M 63, 6 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190956523              |  |
| Qty.       | 25 pc(s).                  |  |