SIEMENS

## Data sheet 6AV6881-0AM62-0AQ0

icotek cable sleeve, 6+6 mm, color: gray, scope of supply: 5 cable sleeves



| | |
|---|---|
| **General information** | |
| Product type designation | icotek cable grommet, 6+6 |
| **Control elements** | |
| Frame size/design | |
| ● Standard | Yes; icotek cable grommet |
| **Degree and class of protection** | |
| IP (all-round) | IP54 (EN60529) |
| **Standards, approvals, certificates** | |
| UL approval | Yes; UL Type12 (UL 50E) |
| REACH | Yes |
| RoHS conformity | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -40 °C |
| ● max. | 100 °C |
| Operation (vertical installation) | |
| — For vertical installation, min. | -40 °C |
| — For vertical installation, max. | 100 °C |
| Operation (max. tilt angle) | |
| — At maximum tilt angle, min. | -40 °C |
| — At maximum tilt angle, max. | 100 °C |
| Operation (vertical installation, portrait format) | |
| — For vertical installation, min. | -40 °C |
| — For vertical installation, max. | 100 °C |
| Operation (max. tilt angle, portrait format) | |
| — At maximum tilt angle, min. | -40 °C |
| — At maximum tilt angle, max. | 100 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 60 °C |
| **Mechanics/material** | |
| Material | |
| ● plastic | Yes |
| Enclosure material (front) | |
| ● Plastic | Yes; fire class: UL94-V0, self-extinguishing |
| Color | gray (similar to RAL 7035) |
| **Dimensions** | |
| Width | 21 mm |
| Height | 21 mm |


Subject to change without notice
© Copyright Siemens

| | |
|---|---|
| Depth | 19 mm |
| Diameter | 6 mm; 2x 6 mm, cable in a grommet |
| **Weights** | |
| Weight, approx. | 8 g; Per unit |
| Weight (without packaging) | 40 g |
| Weight (with packaging) | 45 g |
| **Scope of supply** | |
| Delivery quantity in pieces | 5; Units per set |
| **Other** | |
| Merchandise | Yes; KT2/6gy 41201 |
| Manufacturer name | icotek GmbH |
| Manufacturer's address | Bischof-von-Lipp-Str. 1, 73569 Eschach, Deutschland |
| Target devices | icotek cable entry and cable gland |
| Note: | further information is available on the manufacturer's homepage. |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-33-02-92 |
| eClass | 14 | 27-33-02-92 |
| eClass | 12 | 27-33-02-92 |
| eClass | 9.1 | 27-33-02-92 |
| eClass | 9 | 27-33-02-92 |
| eClass | 8 | 27-24-92-03 |
| eClass | 7.1 | 27-24-92-03 |
| eClass | 6 | 27-24-92-03 |
| ETIM | 10 | EC002584 |
| ETIM | 9 | EC002584 |
| ETIM | 8 | EC002584 |
| ETIM | 7 | EC002584 |
| IDEA | 4 | 3552 |
| UNSPSC | 15 | 32-15-17-03 |

**Approvals / Certificates**

**General Product Approval**

Manufacturer Declaration

**Further information**

**Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415**
https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW

**last modified:** 5/6/2025


Subject to change without notice
© Copyright Siemens