SIEMENS

Data sheet 6AV6881-0AM62-0AF0

icotek cable sleeve, 6-7 mm color: gray, scope of supply: 5 cable sleeves



General information	
Product type designation	icotek cable grommet, 6-7
Control elements	
Frame size/design	
● Standard	Yes; icotek cable grommet
Degree and class of protection	
IP (all-round)	IP68 (EN 60529)
NEMA (front)	NEMA 4x (when installed)
NEMA (rear)	NEMA 4x (when installed)
Standards, approvals, certificates	
UL approval	Yes; UL50E
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
Accessories	
Function description	split grommet for cables with connector
Mechanics/material	
Material	
● plastic	Yes
Enclosure material (front)	
● Plastic	Yes; fire class: UL94-V0, self-extinguishing

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Color	gray (similar to RAL 7035)
Dimensions	
Width	21 mm
Height	21 mm
Depth	19 mm
Diameter	6 mm; 6 ... 7 mm cable
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; KT6gy 41206
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

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