

THSW 1K -20°+40°C CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Filter fans and cabinet heaters are ideally complemented by thermostats and hygrostats. Filter fans and heaters only work when cooling or heating is actually necessary. Because of the demand-oriented thermostats and hygrostats increase the energy efficiency and save costs.

Thermostat: our compact standard solution for heater and filter fan control. Provides protection for heating systems and helps to save energy.

General ordering data

| | |
|------------|--------------------------------|
| Version | Temperature switch, grey white |
| Order No. | 2558170000 |
| Type | THSW 1K -20°+40°C CO |
| GTIN (EAN) | 4050118568820 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 47.5 mm | Depth (inches) | 1.87 inch |
| Height | 59.5 mm | Height (inches) | 2.343 inch |
| Width | 37 mm | Width (inches) | 1.457 inch |
| Net weight | 70 g | | |

Temperatures

| | |
|-----------------------------|-------------|
| Operating temperature range | -20...80 °C |
|-----------------------------|-------------|

General data

| | | | |
|---------------------------------|--|--|------------------|
| Contact design | CO contact, 1 NO contacts, 1 NC contact | Operating temperature range | -20...80 °C |
| Switching current, NC contact | 10 A | Switching current, NC contact, inductive load cos φ = 0.6 | 2 A |
| Switching current, NO contact | 5 A | Switching current, NO contact, inductive load cos φ = 0.6 | 2 A |
| Switching difference | 1 K | Switching tolerance | ±3 K |
| Switching voltage | 250 V AC / 30 V DC | Temperature setting range, max. | 40 °C |
| Temperature setting range, min. | -20 °C | Type of connection | Screw connection |
| Type of mounting | Rail | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002014 | ETIM 7.0 | EC002014 |
| ETIM 8.0 | EC004587 | ETIM 9.0 | EC004587 |
| ECLASS 9.1 | 27-21-07-07 | ECLASS 10.0 | 27-21-07-07 |
| ECLASS 11.0 | 27-21-07-07 | ECLASS 12.0 | 27-21-07-07 |
| ECLASS 13.0 | 27-21-07-07 | | |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E497840 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Operating instructions |
| Catalogues | Catalogues in PDF-format |

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www.weidmueller.com**Accessories****Hygrostat**

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Hygrostat: Humidity control and condensation protection, especially in high humidity environments.

General ordering data

| | | |
|------------|----------------------------|-----------------------------------|
| Type | HYSW 40-90% R.F. CO | Version |
| Order No. | 2558270000 | Humidity switch, IP20, grey white |
| GTIN (EAN) | 4050118568929 | |
| Qty. | 1 pc(s). | |