

**THSW 3K 0°+60°C CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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.  | <a href="#">2558200000</a>     |
| Type       | THSW 3K 0°+60°C CO             |
| GTIN (EAN) | 4050118568851                  |
| 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 | 67 g    |                 |            |

## Temperatures

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

## General data

|                                 |                    |   |                  |
|---------------------------------|--------------------|---|------------------|
| Contact design                  | CO contact         | Operating temperature range                                       | -20...80 °C      |
| Switching current, NC contact   | 10 A               | Switching current, NC contact, inductive load cos $\varphi$ = 0.6 | 2 A              |
| Switching current, NO contact   | 5 A                | Switching current, NO contact, inductive load cos $\varphi$ = 0.6 | 2 A              |
| Switching difference            | 3 K                | Switching tolerance   | ±3 K             |
| Switching voltage               | 250 V AC / 30 V DC | Temperature setting range, max.                                   | 60 °C            |
| Temperature setting range, min. | 0.01 °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 |             |             |

## Environmental Product Compliance

|                        |           |
|------------------------|-----------|
| REACH SVHC             | /         |
| RoHS Compliance Status | Compliant |

## Approvals

Approvals



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

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>              |
| User Documentation                          | <a href="#">Operating instructions</a>       |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>     |

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[www.weidmueller.com](http://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.  | <a href="#">2558270000</a> | Humidity switch, IP20, grey white |
| GTIN (EAN) | 4050118568929              |                                   |
| Qty.       | 1 pc(s).                   |                                   |