

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2558170000</a>
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
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## 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 $\varphi$ = 0.6	2 A
Switching current, NO contact	5 A	Switching current, NO contact, inductive load cos $\varphi$ = 0.6	2 A
Switching difference	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	<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).	