

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
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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 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	ECLASS 14.0	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	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).	