

# Product data sheet

# THZ Comfort N4



Staircase control panel in robust metal housing with illuminated SHEV and ventilation buttons for small smoke and heat extraction systems



### AREAS OF APPLICATION

- Smoke extraction in staircases
- For smaller smoke and heat extraction solutions with one fire compartment
- Connection options for smoke detector, FT 4 push button, fire alarm system contact, vent switch and weather sensors
- For smoke and heat extraction system drives with a total power consumption of 4.5 A
- Control of electromotive 24 V drives for smoke and heat extraction in the event of a fire
- Control of a controlled natural ventilation
- Suitable for new buildings and retrofitting

### PRODUCT FEATURES

- Compact and attractive design with a very robust metal housing
- Increased safety due to integrated, illuminated RWA and ventilation button
- Adjustable backlight of the SHEV button
- Safety and reliability confirmed by VdS recognition and TÜV test
- Highest flexibility due to extensive parameter setting options
- Quick and easy commissioning with the ST 220 service terminal
- Reduced installation effort thanks to integrated push buttons
- Interconnection of several staircase control panels via potential-free contacts

### TECHNICAL DATA

Productname	THZ Comfort N4
Dimensions	140 x 248 x 85 mm
Width	140 mm
Height	248 mm
Depth	85 mm
Material	Aluminium die casting
IP rating	IP30
Service temperature	-5 - 40 °C
Operating voltage	230 V AC
Power consumption (max.)	120 W
Connection cross-section / mains	1.5 mm <sup>2</sup>
Output voltage	24 V DC +/- 15%
Residual ripple	2 %
Output current (max.)	4.5 A
Duty rating with maximum output current	30 %

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Motor cable wire size	4 mm <sup>2</sup>
Battery capacity	2.3 Ah
Alarm groups	1
Vent groups	1 x
Networking of several control units	Forwarding of alarm and reset signals for linking up to 10 control units
Signal outputs available	3 status contacts for which parameters can be set
Parameter setting of control units	Service push buttons and 5 LEDs or ST 220
Standard conformity	EN 12101-10, ISO 21927-9
Approvals	VdS

## VARIANTS / ORDER INFO

Designation	Description	Ident- No.	Colour	Dimensions	Operating voltage
THZ Comfort N4 *	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190789	according to RAL	140 x 248 x 85 mm	230 V AC
THZ Comfort N4	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190786	yellow RAL 1021	140 x 248 x 85 mm	230 V AC
THZ Comfort N4 *	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190783	orange RAL 2011	140 x 248 x 85 mm	230 V AC
THZ Comfort N4 *	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190784	red RAL 3001	140 x 248 x 85 mm	230 V AC
THZ Comfort N4 *	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190787	grey RAL 7035	140 x 248 x 85 mm	230 V AC
THZ Comfort N4 *	Compact staircase control panel with 4.5 A in one vent group and alarm group, and integrated smoke and heat extraction system and vent switch. Including rechargeable battery	190788	white RAL 9016	140 x 248 x 85 mm	230 V AC

## ACCESSORIES

### FT 4 A \*

SHEV button for the connection to GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
FT 4 A SHEV button *	in aluminium housing, incl. label "SMOKE VENT"	161285	grey RAL 7035	126 x 126 x 32 mm	24 V DC
FT 4 A SHEV button *	in aluminium housing, incl. label "SMOKE VENT"	161286	yellow RAL 1021	126 x 126 x 32 mm	24 V DC
FT 4 A SHEV button *	in aluminium housing, incl. label "SMOKE VENT"	161283	red similar to RAL 3000	126 x 126 x 32 mm	24 V DC
FT 4 A SHEV button *	in aluminium housing, incl. label "SMOKE VENT"	161284	blue RAL 5015	126 x 126 x 32 mm	24 V DC

**FT 4 A – VDS \***

SHEV button with VdS approval for the connection to GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
FT 4 A - VdS SHEV button	in aluminium housing, incl. label "SMOKE VENT"	161282	orange RAL 2011	126 x 126 x 32 mm	24 V DC

**FT 4 K \***

SHEV button with plastic housing for the connection to GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
FT 4 K SHEV button *	in plastic housing, incl. label "SMOKE VENT"	136232	orange similar to RAL 2011	130 x 130 x 32 mm	24 V

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## LTA-24-AZ

Vent switch with control keys OPEN / CLOSE and LED function display



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
LTA-24-AZ vent switch	with control keys "open-close" and LED function display	129393	alpine white	80 x 80 mm	24 V DC

## LTA-LSA \*

Vent switch with rotary knob for OPEN / CLOSE



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
LTA-LSA vent switch *	with rotary knob, can be used as "open-close" vent switch or stay-put as vent switch "open-stop-close"	118476	alpine white	80 x 80 mm	Flush-mounted installation

## E 70 \*

Room thermostat for ventilation control



Designation	Description	Ident-No.	Colour	Dimensions
E 70 room thermostat *	for dry closed rooms with setting of two switching points	079087	white	75 x 75 x 30 mm

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## RAIN AND WIND CONTROL \*

Weather station and control unit for rain and wind monitoring



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Rain and wind control *	Consisting of weather station and control unit / Output: potential-free contacts for rain/wind / For use with THZ, THZ Comfort, E 260 and MBZ 300	091529	white	96 x 77 x 118 mm	24 V DC

## GC 240 RS \*

Rain sensor for use with the MBZ 300 and THZ/THZ Comfort control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
GC 240 RS rain sensor *	Rain sensor for connection to THZ/MBZ 300 SHEV control panels. Incl. bracket for wall or mast mounting	189313	white RAL 9010	70 x 62 x 37 mm	24 V DC

## RM 1003 \*

Smoke detector for GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
RM 1003 smoke detector *	Ceiling-mounted detector for GEZE SHEV control panels. VdS approved and EN 54 tested, incl. base.	112877	white RAL 9016	42 mm	24 V DC

**SCT KEY SWITCH**

Key switch for authorised activation and for changing the mode of operation of automatic doors



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
SCT key switch	2-pin with Euro profile half cylinder, two-sided switching operation, without AS 500 frame	118478	alpine white		
SCT key switch	1 pin without Euro profile half cylinder, single-sided switching operation	117996	alpine white	80 x 80 x 11 mm	Flush-mounted installation

**WM 1005 \***

Heat detector for GEZE SHEV control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
WM 1005 heat detector *	Ceiling-mounted detector for GEZE SHEV control panels. VdS approved and EN 54 tested, incl. base.	112878	white RAL 9016	40 mm	24 V DC

**WRM-24 \***

Receiving module for activating automatic doors and window drives with 24 V DC



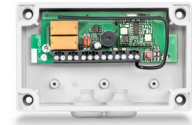
Designation	Description	Ident-No.	Colour	Dimensions	Output
WRM-24 receiving module *	52 x 47 x 23 mm (W x H x D), for installation in a standard flush-mounted socket / 24 V DC operating voltage, pulsed operation or pulsed and continuous operation	131213	black	52 x 52 x 47 x 23 mm	2 potential-free relay contacts

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## WRM-24B \*

Receiving module for activating automatic doors and window drives with 24 V DC



Designation	Description	Ident-No.	Colour	Dimensions	Output
WRM-24B receiving module *	130 x 80 x 35 mm (W x H x D), for surface mounting with protection class IP54 / 24 V DC operating voltage, pulsed operation or pulsed and continuous operation	131214	white	130 x 130 x 80 x 35 mm	2 potential-free relay contacts

## WTH \*

Remote control for activating GEZE automatic doors and window drives via the GEZE wireless programme



Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
WTH-2 remote control 2 channel *	with wall fixing and IP rating IP54	131210	78 x 51 x 15 mm	12 V DC	Wall
WTH-4 remote control 4 channel *	with wall fixing and IP rating IP54	131211	78 x 51 x 15 mm	12 V DC	Wall
WTH-1 remote control 1 channel *	with wall fixing and IP rating IP54	131209	78 x 51 x 15 mm	12 V DC	Wall

## WTM \*

Transmitting module for activating GEZE automatic doors and window drives via the GEZE wireless programme



Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
WTM transmitting module *	44 x 30 x 11 mm (W x H x D), for optional integration in push button	131212	44 x 30 x 11 mm	3 V DC	Integrated



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## ST 220

Service terminal for the wireless and wired parameter setting of GEZE door and window products



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Service terminal ST 220	For parameter setting and diagnosis for TZ 320, TE 220, automatic door systems, drives from the IQ windowdrive series and THZ N4, THZ Comfort N4, battery operation with 4x AAA cells (not supplied by GEZE), plain text display on illuminated panel, keypad for operation / Parameter changes to GEZE systems may only be carried out by experts who have been authorised by the manufacturer	087261	blue	80 x 125 x 37 mm	24 V

## GC 162 RWA \*

Smoke detector for GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
GC 162 RWA smoke detector *	Ceiling-mounted detector for GEZE SHEV control panels. Operating lifetime up to 8 years thanks to automatic dust and dirt compensation. Tested according to EN 54, incl. base	184110	white RAL 9010	110 x 110 x 54 mm	24 V

## GC 163 RWA \*

Heat detector for GEZE SHEV control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
GC 163 RWA heat detector *	Ceiling-mounted detector for GEZE SHEV control panels. EN 54 tested, incl. base	184139	white RAL 9010	110 x 110 x 54 mm	24 V DC

## FT 4 A ACOUSTIC \*

SHEV button with acoustic signal for connection to GEZE SHEV control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
SHEV button FT 4 A Acoustic, *	in aluminium housing with acoustic signal for alarm/fault, incl. label "SMOKE VENT"	198926	grey RAL 7035	126 x 126 x 32 mm	24 V DC
SHEV button FT 4 A Acoustic, *	in aluminium housing with acoustic signal for alarm/fault, incl. label "SMOKE VENT"	198925	orange RAL 2011	126 x 126 x 32 mm	24 V DC

## FT 4 A SECONDARY UNIT \*

SHEV button for the connection to GEZE control panels



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
SHEV button FT 4 A secondary unit, *	in aluminium die-cast housing, as secondary unit only with alarm LED, incl. "SMOKE VENT" sign	198914	orange RAL 2011	126 x 126 x 32 mm	24 V DC

\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.