

Product data sheet

THZ N4 *



Staircase control panel in compact housing 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 plastic housing
- Highest flexibility due to extensive parameter setting options
- Safety and reliability confirmed by VdS recognition and TÜV test
- Interconnection of several staircase control panels possible via potential-free contacts
- Quick and easy commissioning with the ST 220 service terminal
- Quick and easy installation

TECHNICAL DATA

Productname	THZ N4 *
Dimensions	193 x 285 x 89 mm
Width	193 mm
Height	285 mm
Depth	89 mm
Material	Plastic
Colour	white RAL 9016
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 ²
Output voltage	24 V DC +/- 15%
Residual ripple	2 %
Output current (max.)	4.5 A
Duty rating with maximum output current	30 %
Motor cable wire size	4 mm ²

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

ACCESSORIES

CONNECTOR CABLE ST 220 MINI DIN

for connecting the ST 220 to the service case and THZ Comfort



Designation	Description	Ident-No.	Colour
Connector cable ST 220 mini DIN	for connecting the ST 220 to the service case and THZ Comfort	142581	black

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
SHEV button FT 4 A - VdS	in aluminium housing, incl. label "SMOKE VENT"	161282	orange RAL 2011	126 x 126 x 32 mm	24 V DC

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

THZ N4 *



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

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 a 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

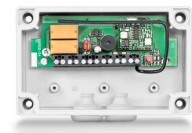
Receiving module for activating automatic doors and window drives with 24 V DC



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

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

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 diecast aluminium housing with acoustic signal for alarm/faults, including "SMOKE VENT" sign	198926	grey RAL 7035	126 x 126 x 32 mm	24 V DC
SHEV button FT 4 A Acoustic, *	In diecast aluminium housing with acoustic signal for alarm/faults, including "SMOKE VENT" sign	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 diecast aluminium 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

LTA-24-SCT *

Vent switch with "Open/closed" control keys, LED function indicators and key switch



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
LTA-24-SCT vent switch combined with key switch *	with control keys "open-stop-close" and LED function display	127176	alpine white	80 x 80 mm	24 V DC

RAIN AND WIND STATION RWS 60-1 SET *

Weather station and control unit for rain and wind monitoring



Designation	Ident-No.	Material
Rain and wind station RWS 60-1 set *	165813	Plastic with aluminium bracket

* 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.