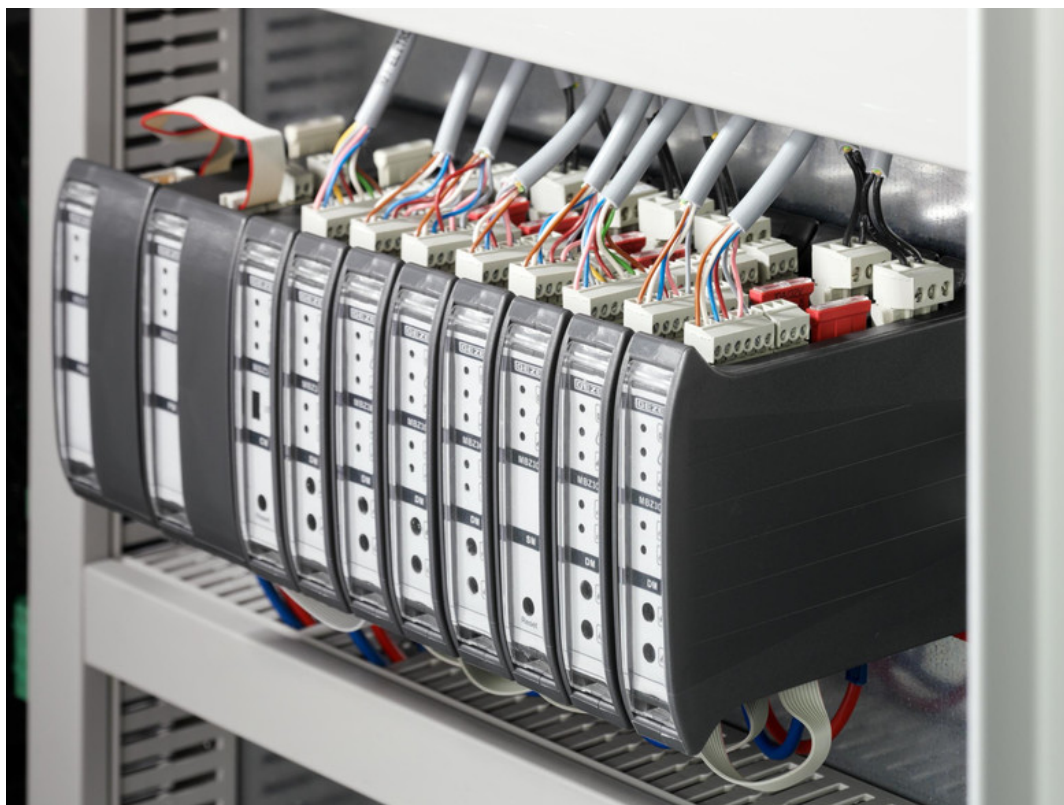# Product data sheet
MBZ 300 *

Smoke and heat extraction control panel for smoke and heat
extraction drives with a total current consumption of 8 A to 72 A

AREAS OF APPLICATION

→ Small to large and networked smoke and heat extraction systems

→ Control of electromotive 24 V drives for smoke and heat extraction in the event of a fire

→ Control of a controlled natural ventilation

GEZE

PRODUCT FEATURES

→ Modular design to allow flexible adaptation to project-specific requirements

→ Convenient extension by clicking on other modules in a control unit

→ Can be extended by alarm groups, ventilation groups and alarm lines as required

→ Depiction of complex smoke and heat extraction scenarios

→ Simple service and installation thanks to status display directly on the module

→ Configuration software simplifies commissioning and configuration

→ Wind direction dependent activation possible (SHEV according to EN 12101-2)

→ Safety and reliability confirmed by VdS certification

TECHNICAL DATA

Productname	MBZ 300 *
Material	Sheeting
Colour	grey RAL 7035
IP rating	IP30
Service temperature	–5 – 40 °C
Operating voltage	230 V AC
Power consumption (max.)	1440 W
Connection cross-section / mains	2.5 mm²
Output voltage	24 V DC +/–15%
Residual ripple	2 %
Output current (max.)	72 A
Duty rating with maximum output current	30 %
Motor cable wire size	10 mm²
Battery capacity	38 Ah
Networking of several control units	connection with optional CAN Bus modules
Signal outputs available	1 status contact per CM/SM, 6 signal contacts per ERM for which parameters can be set
Parameter setting of control units	via USB interface an PC software
Standard conformity	EN 12101-10, ISO 21927-9
Approvals	VdS

NETWORKING

ASHRAE BACnet™

PART

MBZ 300 N10 *

Smoke and heat extraction control panel for smoke and heat extraction system drives with a total current consumption of 10 A

Designation

MBZ 300 N10 *

MBZ 300 N24 *

SHEV control panel for smoke and heat extraction system drives with a total power consumption of 24 A

Designation

MBZ 300 N24 *

MBZ 300 N48K *

SHEV control panel for smoke and heat extraction system drives with a total power consumption of 48 A

Designation

MBZ 300 N48K *

MBZ 300 N48G *

SHEV control panel for smoke and heat extraction system drives with a total power consumption of 48 A

Designation

MBZ 300 N48G *

MBZ 300 N72 *

SHEV control panel for smoke and heat extraction system drives with a total power consumption of 72 A

Designation

MBZ 300 N72 *

MBZ 300 N8 *

Smoke and heat extraction control panel for smoke and heat extraction drives with a total power consumption of 8 A

Designation

MBZ 300 N8 with rail-mount terminal blocks *

MBZ 300 N8 *

ACCESSORIES

LTA-24-AZ

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

Designation

LTA-24-AZ vent switch

RAIN AND WIND CONTROL *

Weather station and control unit for rain and wind monitoring

Designation

Rain and wind control *

RM 1003 *

Smoke detector for GEZE control panels

Designation

RM 1003 smoke detector *

FT 4 K *

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

Designation

FT 4 K SHEV button *

WM 1006 *

Heat detector for GEZE SHEV control panels

Designation

WM 1005 heat detector *

GC 401 RS + 402 WVS SET *

Rain and wind sensor set for use with the MBZ 301 control panel

GC 401 RS *

Rain sensor for use with the MBZ 301 control panel

GC 402 WVS *

Wind speed sensor for use with the MBZ 301 control panel

GC 403 WDS *

Wind direction sensor for use with the MBZ 301 control panel

LTA-LSA *

Vent switch with rotary knob for OPEN / CLOSE

Designation

LTA-LSA vent switch *

MBZ 300 *

E 71 *

Room thermostat for ventilation control

Designation

E 70 room thermostat *

SCT KEY SWITCH

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

Designation

SCT key switch

SCT key switch

WRM–24 *

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

Designation

WRM–24 receiving module *

WRM–24B *

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

MBZ 300 *

Designation

WRM-24B receiving module *

WTH *

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

Designation

WTH-2 remote control, 2 channel *

WTH-4 remote control, 4 channel *

WTH-1 remote control, 1 channel *

WTM *

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

Designation

WTM transmitting module *

FT 4 A *

SHEV button for the connection to GEZE control panels

Designation

FT 4 A SHEV button *

FT 4 A SHEV button *

FT 4 A SHEV button *

FT 4 A SHEV button *

FT 4 A – VDS *

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

Designation

FT 4 A – VdS SHEV button

GC 240 RS *

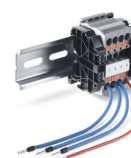Rain sensor for use with the MBZ 300 and THZ/THZ Comfort control panels

Designation

GC 240 RS rain sensor *

RAIL MOUNT TERMINAL BLOCK SET 4 MM² *

For the connection of drive supply lines with cross-section up to 4 mm²

Designation

Rail mount terminal block set 4 mm² *

MBZ 300 CONTROL CABINET LOCK *

For secure locking of the MBZ 300 ccontrol cabinets

Designation

MBZ 300 control cabinet lock *

MBZ 300 *

GC 162 RWA *

Smoke detector for GEZE control panels

Designation

GC 162 RWA smoke detector *

GC 163 RWA *

Heat detector for GEZE SHEV control panels

Designation

GC 163 RWA heat detector *

FT 4 A ACOUSTIC *

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

Designation

SHEV button FT 4 A Acoustic, *

SHEV button FT 4 A Acoustic, *

FT 4 A SECONDARY UNIT *

SHEV button for the connection to GEZE control panels

MBZ 300 *

Designation

SHEV button FT 4 A secondary unit, *

* 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.