

Product data sheet

MBZ 300

Emergency power control unit for smoke and heat extraction drives with a total power consumption of 10 A - 72 A



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

Application Areas

Small to large and networked smoke and heat extraction systems
Control of electromotive 24 V DC drives for smoke and heat extraction in the event of a fire
Control of a controlled natural ventilation

Product Data Table

Product features	MBZ 300
Housing material	Sheeting
Colour	grey RAL 7035
IP rating	IP30
Temperature range	-5 - 40
Supply voltage	230 V AC
Output current (max.)	72 A
Motor cable wire size	10 mm ²
Networking of several control units	connection with optional CAN Bus modules
Status contacts	1 status contact per CM/SM, 6 signal contacts per ERM for which parameters can be set
Parameter setting	via USB interface an PC software
Tested in accordance with	EN 12101-10
Approvals	VdS

Accessory

Product name
SHEV button FT 4 A - VdS
vent switch LTA-24-AZ
Rain and wind control
Smoke detector RM 1003
SHEV button FT4 K
Heat detector WM 1005
Rain and wind sensor set GC 401 RS + 402 WVS
rain sensor GC 401 RS
Wind speed sensor GC 402 WVS
wind direction sensor GC 403 WDS
vent switch/button LTA-LSA
E 70 room thermostat
SCT key switch
WRM-24 receiving module
WRM-24B Receiving module
WTH remote control
WTM Transmitting module
rain sensor GC 240 RS
Rail mount terminal block set 4 mm ²
MBZ 300 control cabinet lock

Part

Product name
MBZ 300 N10
MBZ 300 N24
MBZ 300 N48K
MBZ 300 N48G
MBZ 300 N72
MBZ 300 N8