

ORDER DATA

Part.-No.

HSE – Break-glass unit main control panel

Application: Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the detector line of a control unit.



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	Surface mounting, plastic (ABS)
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm ² (rigid wire)
Protection rating:	IP41
Display:	Emergency OPEN, power, fault
Control elements:	Buttons for emergency OPEN / CLOSE

ABS

Feature/Equipment

- Lockable, glazed door (including key)
- **Connection to the detector line input**
- HSE orange: **VdS certification no. G 501006**

VERSIONS

HSE red	(similar to RAL 3000)	528691			
HSE yellow	(similar to RAL 1018)	528692			
HSE grey	(similar to RAL 7035)	528693			
HSE blue	(similar to RAL 5015)	528694			
HSE orange	(similar to RAL 2011)	528695			

HSE-N – Break-glass unit secondary control panel

Application: Break-glass unit with indicator and button for the manual control of the emergency open function of a SHEV group, for connection in the detector line of a control unit.



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	Surface mounting, plastic (ABS)
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm ² (rigid wire)
Protection rating:	IP41
Display:	Emergency OPEN
Control elements:	Button for emergency OPEN

ABS

Feature/Equipment

- Lockable, glazed door (including key)
- **Connection to the detector line input**
- HSE orange: **VdS certification no. G 501006**

VERSIONS

HSE-N red	(similar to RAL 3000)	525001			
HSE-N yellow	(similar to RAL 1018)	525002			
HSE-N grey	(similar to RAL 7035)	525003			
HSE-N blue	(similar to RAL 5015)	525004			
HSE-N orange	(similar to RAL 2011)	525005			

ORDER DATA

Part.-No.

HSE – Break-glass unit main control panel (aluminium housing)

Application: Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the detector line of a control unit.

**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	Surface mounting, aluminium
Dimensions (WxHxD):	125 x 125 x 33 mm
Connections:	Screw terminal, 1,0 mm ² (rigid wire)
Protection rating:	IP41
Display:	Emergency OPEN, power, fault
Control elements:	Buttons for emergency OPEN / CLOSE

ALU**Feature/Equipment**

- Lockable, glazed door (including key)
- **Connection to the detector line input**

VERSIONS

HSE-Alu red	(similar to RAL 3001)	527550			
HSE-Alu yellow	(similar to RAL 1012)	527551			
HSE-Alu grey	(similar to RAL 7035)	527552			
HSE-Alu blue	(similar to RAL 5012)	527553			
HSE-Alu orange	(similar to RAL 2011)	527554			
Protective housing IP54 for break-glass unit HSE-Alu gray – add-on kit		527559			

HSE – Break-glass unit for gas-pressure generators

Application: Break-glass unit with indicators and button for the manual control of the emergency open functions of a SHEV group with gas-pressure generators, for connection in the detector line of a control unit.

**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	Surface mounting, plastic (ABS)
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm ² (rigid wire)
Protection rating:	IP41
Display:	Emergency OPEN, power, fault
Control elements:	Button for emergency OPEN

ABS**Feature/Equipment**

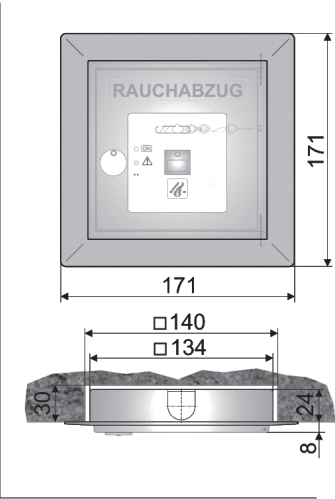
- Lockable, glazed door (including key)
- **Connection to the detector line input**

VERSIONS

HSE-DG red	(similar to RAL 3000)	528655			
HSE-DG yellow	(similar to RAL 1018)	528656			
HSE-DG grey	(similar to RAL 7035)	528657			
HSE-DG blue	(similar to RAL 5015)	528658			
HSE-DG orange	(similar to RAL 2011)	528659			

ORDER DATA

		Part.-No.		
HSE – Frame for flush mounting		528015		
Application: Flush mounting of breakglass units.				



TECHNICAL DATA

Housing:
Dimensions (WxHxD):
Surface:
Installation Dimensions:

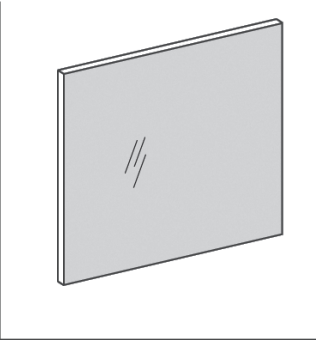
Surface mounting, steel sheet
171 x 171 x 26 mm
powder-coated in light grey w/o structure
140 x 140 x 30 mm

ABS

Feature/Equipment

- Suitable for break glass units with plastic housing 130 x 130 x 32 mm

HSE – Glass pane		527002		
Application: Replacement glass pane for all breakglass units.				



TECHNICAL DATA

Material:
Dimensions (WxHxD):

Glass
80 x 80 x 0,8 mm

Feature/Equipment

- Packaging unit (PU) containing 10 glass panes

ORDER DATA

Part.-No.

Optical smoke detector

Application: Smoke detector for the automatic early detection of fire for controlling of the emergency open function of a SHEV group, for connection in the detector line of a control unit.



TECHNICAL DATA (Rated values)

Measuring element:	photo electric / scattered light principle
Operating voltage:	8,5 – 33 V DC
Standby current:	< 100 µA
Housing:	Surface mounting, plastic (ABS), pearl white
Dimensions (WxHxD):	Ø100 x 50 mm
Connections:	Screw terminals 1,0 mm ² (rigid wire)
Protection rating:	IP23D
Display:	Alarm LED

Feature/Equipment

- Fire algorithms for avoiding false alarms, automatic alarm threshold tracking
- According to EN 54-7, Connection to the **detector line input**

VERSIONS

Detector with surface mounting base	531520			
Detector	531518			
Surface mounting base	531519			

ACCESSORIES

Ball protection (chromed steel grid) e.g. use in sporthalls	513546			
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Heat sensitive fire detector

Application: Heat detector for the automatic control of the emergency open function of a SHEV group of a SHEV control unit.



TECHNICAL DATA (Rated values)

Measuring element:	Bimetal switch
Operating voltage:	24 V DC
Contact load:	48 V DC / 0,5 A
Standby current:	< 10 mA
Housing:	Surface mounting, plastic (ABS), white
Dimensions (WxHxD):	Ø56 x 77 mm
Connections:	Screw terminals 1,0 mm ² (rigid wire)
Protection rating:	IP20

Feature/Equipment

- With base for surface mounting

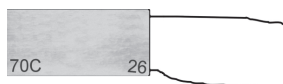
VERSIONS

Connection in detector line	NO switch 70°C	533205			
Connection in drive line	NC switch 70°C	533200			

Heat sensitive detector clip 70°C

533201

Application: Heat detector for controlling of the emergency open function of a SHEV group, for connection in the drive line.



Measuring element:	Bimetal switch with ceramic housing
Operating voltage:	24 V DC
Contact type:	NC switch at 70°C
Contact load:	48 V DC / 0,5 A
Standby current:	< 10 mA

Feature/Equipment

- No housing, connection in the **monitoring line of the drive output** of a SHEV control unit

ORDER DATA

Part.-No.

Ventilation button (with foil push buttons and displs)

Application: Ventilation button for connection to the ventilation inputs of SHEV or natural ventilation control units.



Picture: Surface mounting

TECHNICAL DATA (Rated values)

Contact type:	2 NO switches
Switching capacity:	max. 42V / 50 mA
Current consumption display:	< 10 mA
Housing:	plastic, white (similar to RAL 9016)
Dimensions (WxHxD)	Surface mounting: 81 x 81 x 54 mm
	Flush mounting: 81 x 81 x 11 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP20
Functions:	OPEN-STOP-CLOSE
Display:	LED for OPEN, CLOSE

Feature/Equipment

- Push buttons **without** mechanical locking
- With display LED OPEN / CLOSE

VERSIONS

Surface mounting	529021			
Flush mounting (in box Ø60 mm)	529051			

Ventilation button

Application: Ventilation button for connection to the ventilation inputs of SHEV or natural ventilation control units.



Picture: Surface mounting

TECHNICAL DATA (Rated values)

Contact type:	2 NO switches
Switching capacity:	230 V AC / 10 A
Housing:	plastic, white (similar to RAL 9016)
Dimensions (WxHxD):	Surface mounting: 81 x 81 x 54 mm
	Flush mounting: 81 x 81 x 11 mm
Connections:	Plug-in terminal 1,5 mm ² (rigid wire)
Protection rating:	IP20
Functions:	OPEN / CLOSE

Feature/Equipment

- Push buttons **without** mechanical locking, stop function when both buttons are pushed

VERSIONS

Surface mounting	529030			
Flush mounting (in box Ø60 mm)	529230			

Ventilation key switch

Application: Ventilation button for connection to the ventilation inputs of SHEV or natural ventilation control units.



Picture: Surface mounting

TECHNICAL DATA (Rated values)

Contact type:	2 NO switches
Switching capacity:	230 V AC / 10 A
Housing:	plastic, white (similar to RAL 9016)
Dimensions (WxHxD):	Surface mounting: 81 x 81 x 54 mm
	Flush mounting: 81 x 81 x 11 mm
Connections:	Plug-in terminal 1,5 mm ² (rigid wire)
Protection rating:	IP20
Functions:	OPEN-STOP-CLOSE

Feature/Equipment

- Switch with semicylinder (DIN 19525) and 3 keys

VERSIONS

Surface mounting	529350			
Flush mounting (in box Ø60 mm)	529450			

ORDER DATA

	Part.-No.			
Room temperature controller	483200			
Application: Thermostat as on-off controller for room temperature detection.				

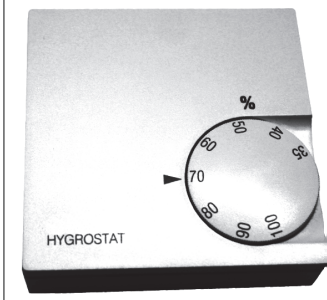
**TECHNICAL DATA (Rated values)**

Measuring element:	Bimetal switch
Contact type:	1 change-over switch
Switching capacity:	230 V AC / 5 A
Settings:	0 – 30 °C
Housing:	Surface mounting, plastic, white
Dimensions (WxHxD):	74,5 x 74,5 x 25 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP30

Feature/Equipment

- Connection to **ventilation inputs** of SHEV or natural ventilation control units

Hygrostat	483050			
Application: Hygrostat as on-off controller for room humidity detection.				

**TECHNICAL DATA (Rated values)**

Measuring element:	Bimetal switch
Contact type:	1 Change-over switch
Switching capacity:	230 V AC / 5 A
Settings:	35 – 100% humidity
Housing:	Surface mounting, plastic, white
Dimensions (WxHxD):	74,5 x 74,5 x 25 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP30

Feature/Equipment

- Connection to **ventilation input** of SHEV or natural ventilation control units

CO ₂ – Air quality sensor	483710			
Application: Sensor for the detection and evaluation of the CO ₂ concentration inside rooms.				

**TECHNICAL DATA (Rated values)**

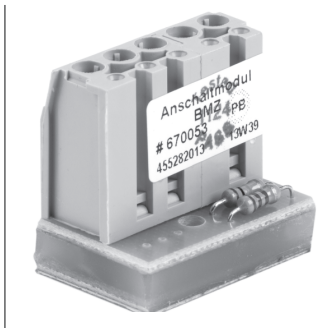
Operating voltage:	24 V DC (+/-5%)
Measuring element:	electronic
Contact type:	2 Normal open switch
Pulse duration:	3,5 sec.
Switching capacity:	230 V AC / 0,5 A
Measuring range:	0 – 3000 ppm CO ₂
Housing:	Surface mounting, plastic, white
Dimensions (WxHxD):	78 x 78 x 35 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP30
Display:	3 LED (green, yellow, red)

Feature/Equipment

- Connection to **ventilation input** of SHEV or natural ventilation control units

ORDER DATA

	Part.-No.			
FAS Interface-Module	670053			
Application: Module for the automatic control of the emergency open function via volt free contact of a fire alarm system.				



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Standby consumption:	<10 mA
Ambient temperature range:	0 ... +40 °C
Housing:	w/o, equipped circuit board
Dimensions (WxHxD):	27 x 19 x 13 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
FAS contact:	Normal open switch at alarm status

Feature/Equipment:

- For connection to **detector line input** of SHEV control units, with line monitoring between control unit and module

Drive line end module	670052			
Application: For installation in the last or only junction box for the line monitoring of drive line.				



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC (+/-5%)
Standby consumption:	<10 mA
Ambient temperature range:	0 ... +70 °C
Housing:	w/o, equipped circuit board
Dimensions (WxHxD):	27 x 19 x 13 mm
Connections:	3 single cores

Feature/Equipment

- For connection into **drive line** of SHEV control units

FAS Interface-Module - for ventilation	533601			
Application: When connecting the room sensor, hygrostat or timer to the EMB 7X00 for signal conversion from permanent contact to short-time pulse				



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Housing:	plastic, for 35-mm mounting rail
Dimensions (WxHxD):	27 x 50 x 96 mm

Feature/Equipment

- Module for **EMB 8000** not required.

OPTIONS

Cabinet mounting (a larger housing may be required)	500113			
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ORDER DATA

	Part.-No.			
Wind sensor Type III	482021			
Application: Anemometer with 3 impact resistant wind cups (PA6) for wind speed detection.				

**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC (+/- 20%)
Measuring principle:	Pulse generator, ball bearing
Housing:	Aluminium Ø36 mm, untreated
Wind cups:	PA6, black
Dimensions:	250 x 250 x 80 mm
Connection cable:	non-halogen cable, approx. 4 m

Feature/Equipment

- For connection with: EMB7300 control units, WM Weather-Module (EMB8000), wind/rain controls WRAG2 and Type IV. With clamp ring for fixing on all the wall/pole brackets with outer diameter Ø36mm

COMPONENTS

Cups for wind sensor Type III	490601			
Clamp ring for wind sensor Type III	515950			

Rain sensor Typ III 24 V DC	480210			
Application: Rain sensor with heated sensor surface and internal control with volt free output contact.				

**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC (+/- 20%)
Standby current:	<150 mA
Measuring principle:	Conductivity measurement, heated sensor
Hysteresis:	5 min
Display:	Output active
Output:	Change-over switch, 5 A / max. 48 V
Protection rating:	IP65
Housing:	Surface mounting, ABS black with bracket (stainless steel)
Dimensions:	100 x 85 x 172 mm
Connection cable:	non-halogen cable, approx. 4 m

Feature/Equipment

- For connection with: EMB7300 control units, WM Weather-Module (EMB8000), wind / rain controls WRAG2 and Type IV

Rain sensor Typ III 230 V AC	480110			
Application: Rain sensor with heated sensor surface and internal control with volt free output contact.				

**TECHNICAL DATA (Rated values)**

Operating voltage:	230 V AC (50 Hz)
Power consumption:	<1,5 VA
Measuring principle:	Conductivity measurement
Display:	Output active
Output:	Change-over switch, 5 A / max. 230 AC
Protection rating:	IP65
Housing:	Surface mounting, ABS black with bracket (stainless steel)
Dimensions:	100 x 85 x 172 mm
Connection cable:	non-halogen cable, approx. 4 m

Feature/Equipment

- Single device for the feed from electric mains power supply

ORDER DATA

Part.-No.			
WR-Set Type 7x/8x – Wind and Rain Sensor Set	482100		
Application: Sensors for wind and rain to work with an evaluation unit WRAG2 or Typ IV, a WM Weather-Module or directly with a SHEV control unit, for closing and blocking the natural ventilation under bad weather conditions.			



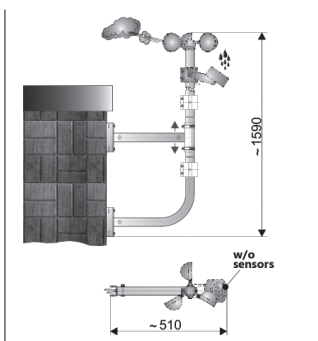
TECHNICAL DATA (Rated values)

Rated voltage:	24 V DC (+/- 20%)
Rain sensor Type III – heated sensor surface, switch-off delay approx. 5 min.	
Contact:	1 Change-over switch, max. 48 V / 5A
Current consumption:	<150 mA
Housing:	Surface mounting, ABS black with stainless steel bracket
Dimensions (WxHxD):	100 x 85 x 172 mm
Connection cable:	Non-halogen cable, approx. 4 m
Volt free contac:	1 Change-over switch, max. 48 V / 1A
Wind sensor Type III – Anemometer with 3 impact resistant wind cups (PA6)	
Measuring principle:	Pulse generator
Dimensions:	250 x 250 x 80 mm
Connection cable:	non-halogen cable, approx. 4 m

Feature/Equipment

- Set including: Wind sensor Type III (Part.-No. 482021), rain sensor Type III (Part.-No. 480210), clamp ring (Part.-No. 515950), aluminium bracket for pole or wall mounting (Part.-No. 482093), without mounting screws

Wall bracket for wind and rain sensor	491200		
Application: Wall bracket with dual fixings for wind and rain sensors.			



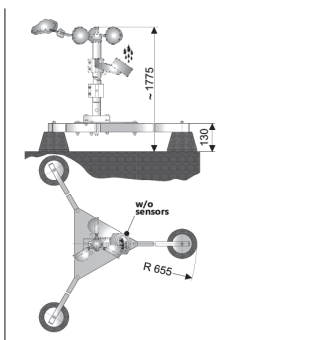
TECHNICAL DATA

Height:	app. 1590 mm
Outreach:	app. 510 mm
Material:	Aluminium Ø36mm

Feature/Equipment

- w/o fixing screws and sensors

Pole bracket for wind and rain sensors	491101		
Application: Pole bracket for the fixing of wind and rain sensors at flat roofs.			



TECHNICAL DATA

Height:	app. 1775 mm
Base area:	app. Ø1310 mm
Material:	Aluminium Ø36mm with 3 stable concrete feet

Feature/Equipment

- w/o sensors

ORDER DATA

Part.-No.

WRG-Set – Wind direction sensor

482120

Application: Sensor for wind direction detecting to work with an evaluation unit or a WM Weather-Module for the wind direction depending OPENING / CLOSING of windows in case of fire.

**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC (+/- 20%)
Wind direction sensor – ball beared measuring element with wind vane	
Measuring range:	8 wind directions
Material:	Revolving head: PA6 black, wind vane: stainless steel
Connection cable:	Non-halogen 6 x 0,34 mm ² , length ca. 3 m
Junction box with circuit board and screw terminals	
Connections:	WRG, wind sensor Type III, rain sensor TYP III
Housing (WxHxD):	110 x 110 x 66 mm, IP54
Connections:	Screw terminals 1,5 mm ² (rigid wire),

Feature/Equipment

- Set including: Wind direction sensor (Part.-No. 482120), Junction box (Part.-No. 482110), clamp ring (Part.-No. 515950), aluminium bracket for pole or wall mounting (Part.-No. 482093), without mounting screws

ORDER DATA

		Part.-No.		
Conservatory Control WG 3006		484001		
Application: Control of 230 V drives. For opening and closing of conservatories, terraces and balconies canopies - manually and depends on the internal temperature. It may be a 230 V rain sensor can be connected.				



TECHNICAL DATA (Rated values)

Operating voltage:	230 V AC
Contact type:	1 change-over switch
Switching capacity:	230 V AC / 3 A
Settings:	5 – 30 °C
Housing:	Surface mounting, plastic, white
Dimensions (WxHxD):	127 x 74 x 24 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP30

Feature/Equipment

- Thermostat with switch hand/automatic and rocker-switch OPEN/CLOSE

Time switch		722374		
Application: For the time controlled opening / closing of ventilation lines, with 30 day- and week-programm steps.				



TECHNICAL DATA (Rated values)

Operating voltage:	230 V AC
Contact type:	change-over switch
Switching capacity:	230 V AC / 16 A
Housing:	plastic, white, for 35 mm top rail
Dimensions (WxHxD):	17,6 x 63 x 90 mm
Connections:	Screw terminal 1,5 mm ² (rigid wire)
Protection rating:	IP20

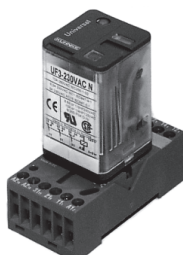
Feature/Equipment

- Connection to the **ventilation input** of SHEV or natural ventilation control units

OPTIONS

Cabinet mounting (a larger housing may be required)	500113			
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REL1 – Relay for status forwarding		659950		
Application: For the transmission of various functions or status of a SHEV or natural ventilation control unit to external devices.				



TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Contact type:	3 Change-over switch
Switching capacity:	230 V / 10 A
Connections:	Screw terminal 1,5 mm ² (rigid wire)

Feature/Equipment

- With base for installation at 35-mm mounting rail and suppressor diode

OPTIONS

Cabinet mounting (a larger housing may be required)	500113			
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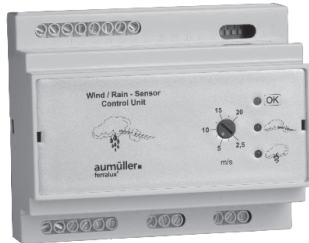
ORDER DATA

Part.-No.

WRAG2 – Wind / Rain evaluation unit

482005

Application: For the evaluation of wind and rain signals from wind and rain sensors Type 7x/8x or rain sensors operating with 24 V DC and their transmission via 2 volt free contacts, with additional input for connecting of ventilation buttons (or time switches etc.).

**TECHNICAL DATA (Rated values)**

Operating voltage:	230 V AC, 50 Hz
Standby consumption:	<100 mA
Inputs:	Rain sensor 24 V DC, wind sensor, ventilation button
Display:	Power, wind, rain
Wind speed range:	2,5 – 20 m/s, adjustable
Outputs:	2 Change-over switches, 230 V AC / 5 A
Housing:	plastic, surface RAL 7035, bottom RAL 7021
Dimensions (WxHxD):	105 x 86 x 58 mm
Installation:	35-mm mounting rail
Connections:	Screw terminals 1,5 mm ² (rigid wire)
Protection rating:	IP40

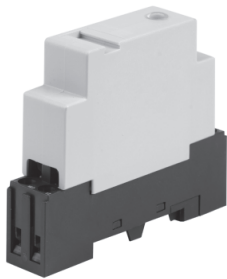
Feature/Equipment

- Signal transmission for wind or/and rain (separately or together) adjustable via 4 DIP switches, direct connection of drives up to max. 5 A, switch-on time delay for wind and rain signal, and switch-off time delay for wind signal

REL-WRAG2 – Relay for contact multiplier

487020

Application: Relay as contact multiplier of output signals of wind and rain evaluation unit WRAG2.

**TECHNICAL DATA (Rated values)**

Operating voltage:	230 V AC, 50 Hz
Contact type:	2 Change-over switches
Switching capacity:	230 V / 8 A
Connections:	Screw terminal 1,5 mm ² (rigid wire)

Feature/Equipment

- With base for installation on 35-mm mounting rail

Compact distributor housing for WRAG2

482011

Application: Surface mounting distributor housing for the installation and wiring of wind and rain evaluation WRAG2 and max. 2 relays.

**TECHNICAL DATA**

Material:	plastic (ABS)
Type of installation:	Surface mounting
Protection rating:	IP30
Dimensions (WxHxD):	182 x 180 x 82 mm
Reserve space:	2 REL-WRAG2

Feature/Equipment

- w/o fixing screws

ORDER DATA

	Part.-No.			
Distributor housing for WRAG2	482015			
Application: Surface mounting distributor housing for the installation and wiring of wind and rain evaluation WRAG2 and max. 6 relays.				



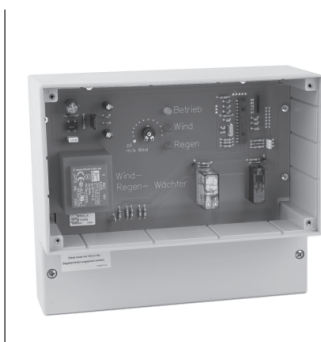
TECHNICAL DATA

Material:	plastic (ABS)
Type of installation:	Surface mounting
Protection rating:	IP30
Dimensions (WxHxD):	303 x 245 x 95 mm
Reserve space:	6 REL-WRAG2

Feature/Equipment

- w/o fixing screws

Wind and rain evaluation Type IV	482008			
Application: For the evaluation of wind and rain signals from wind and rain sensors Type 7x/8x or rain sensors operating with 24 V DC and their transmission via 3 volt free contacts.				



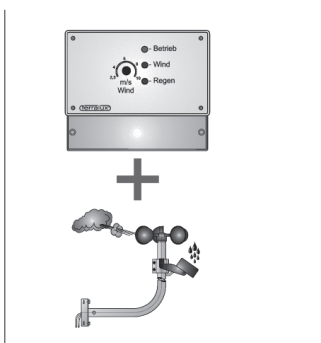
TECHNICAL DATA (Rated values)

Operating voltage:	230 V AC, 50 Hz
Standby current:	<100 mA
Inputs:	Rain sensor 24 V DC, wind sensor
Display:	Power, wind, rain
Wind speed range:	2,5 – 10 m/s, adjustable
Outputs:	3 Change-over switches, 5 A / 230 V AC
Housing:	plastic, surface RAL 7035, bottom RAL 7021
Dimensions (WxHxD):	212 x 180 x 80 mm
Installation:	Surface mounting
Connections:	Screw terminal 1,5 mm² (rigid wire)
Protection rating:	IP40

Feature/Equipment

- Direct connection of drives up to max. 5 A, switch-on time delay for wind and rain signal, and switch-off time delay for wind signal
- Suitable for surface mounting

Wind and rain sensor set Typ IV	481990			
Application: Set consisting of wind and rain evaluation Type IV with wind and rain sensor set Type 7x/8x, for the evaluation of wind and rain signals and their transmission via 3 volt-free contacts.				



TECHNICAL DATA

See wind and rain control unit Type IV and wind and rain sensor set Type 7x/8x.

Feature/Equipment

- Set including: Wind and rain evaluation (Part.-No. 482008), Wind sensor Type III (Part.-No. 482021), rain sensor Type III (Part.-No. 480210), clamp ring (Part.-No. 519950), bracket for pole or wall mounting (Part.-No. 482093), without mounting screws