

UZ 49

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

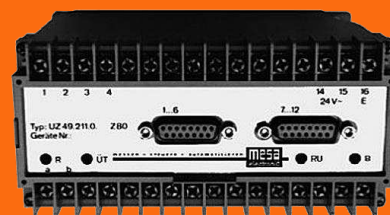
Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
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Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
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Магнитогорск (3519)55-03-13
Москва (495)268-04-70
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Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

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Омск (3812)21-46-40
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Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

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Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Control Accessory Type: UZ 49... with Supplementary Unit Type: ZUZ 49...



Function:

The **Control Accessory** is used for power dependent, cyclic all-round control of Rekumat burners or radiant tubes in gas-fired furnaces. The burner on time is kept constant for all-round operation and the burner OFF time is adapted to the momentary power requirements. This technique improves the efficiency of the furnace, produces a uniform furnace room temperature and a constant furnace room pressure. Output circuits and relays are accommodated in one or two accessory housings **ZUZ 49...** of the same construction. The two units are connected by a pluggable bus cable

Special features

- Connection to continuous temperature controllers
- Connection to non-continuous temperature controllers
- Triggering of up to 12 burners
- Screw-type and mounting rail fastening
- Overtemperature input
- Adjustable burner on time
- Function display by LEDs

Order number

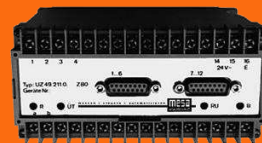
Device name

531-0010	Control Accessory UZ for continuous controllers
531-0020	Control Accessory UZ for non-continuous controllers

Optional accessories

531-0110	Supplementary Unit ZUZ 3 Burner
531-0120	Supplementary Unit ZUZ 6 Burner

Control Accessory Type: UZ 49...



Technical Data:

UZ for connection to non-continuous controller

Construction:

Plastic housing with open terminals alternatively with screw fastening (DIN 46121) or mounting rail fastening (DIN 46277)

Dimensions: 150 x 70 x 112 (lxwxh)

Auxiliary voltage: 24 Vac/50-60 Hz +-10%

Input:

Control contact (working contact)
Overtemperature contact (rest contact)
The contacts must be potential-free and are loaded with approx. 20 mA. (Lay lines with shield and earth shield on controller side only.)

Output:

In connection with supplementary unit
6 burner connections (1 ZUZ 49...)
12 burner connections (2 ZUZ 49...)
(1 working contact per connection for the solenoid valve "Gas" and "Air"). The contacts are potential-free and can be loaded with a max. 8 A/250 Vac.

Times:

- Burner ON time in continuous operation: adjustable 10...35 s; special model: 20...70 s
- Air lag time: rinse time after gas OFF: adjustable 0.3...2 s
- Overtemperature monitoring:
All burners are switched off 5 s after
Over temperature signal.
Power consumption: with 12 burners approx. 36 VA

Perm. Ambient temperature: 0...50 °C

Displays:

LED operation
LED all-round operation
LED controller contact ON
LED overtemperature ON

Technical Data:

UZ for connection to continuous controller

Construction:

Plastic housing with open terminals alternatively with screw fastening (DIN 46121) or mounting rail fastening (DIN 46277)

Dimensions: 150 x 70 x 112 (lxwxh)

Auxiliary voltage: 24 Vac/50-60 Hz +-10%

Input:

20...0 mA (100% ED = 20 mA) or
0...20 mA (100% ED = 0 mA)
Overtemperature contact (rest contact)
The contact must be potential-free and is loaded with approx. 20 mA. (Lay lines with shield and earth shield on controller side only.)

Output:

In connection with supplementary unit
6 burner connections (1 ZUZ 49...)
12 burner connections (2 ZUZ 49...)
(1 working contact per connection for the solenoid valve "Gas" and "Air"). The contacts are potential-free and can be loaded with a max. 8 A/250 Vac.

Times:

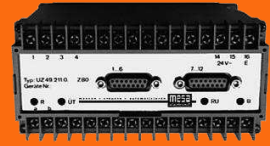
- Burner ON time in continuous operation: adjustable 10...35 s; special model: 20...70 s
- Air lag time: rinse time after gas OFF: adjustable 0.3...2 s
- Overtemperature monitoring:
All burners are switched off 5 s after
Over temperature signal.
Power consumption: with 12 burners approx. 36 VA

Perm. Ambient temperature: 0...50 °C

Displays:

LED operation
LED all-round operation
LED controller contact ON
LED overtemperature ON

Supplementary Unit Type: ZUZ 49...



Technical data:

Supplementary Unit Type ZUZ

Construction:

Plastic housing with open terminals alternatively with screw fastening (DIN 46121) or mounting rail fastening (DIN 46277)

Dimensions: 150 x 70 x 112 (l x w x h)

Auxiliary voltage: Fed from the basic unit through a pluggable ribbon cable

Input:

Fed from the basic unit through a pluggable ribbon cable

Output:

3 burner connections

(6 burner connections)

(per connection 1 working contact each for the solenoid valves "Gas" and "Air"). The contacts are potential-free and can be loaded with max. 8 A/250 Vac.

Times:

- Burner ON time in all-round operation: see respective basic unit
- Overtemperature monitoring: see respective basic unit

Perm. Ambient temperature: 0...50 °C

Displays:

LED air valve 1 (7)

LED gas valve 1 (7)

LED air valve 2 (8)

LED gas valve 2 (8)

LED air valve 3 (9)

LED gas valve 3 (9)

LED air valve 4 (10)

LED gas valve 4 (10)

LED air valve 5 (11)

LED gas valve 5 (11)

LED air valve 6 (12)

LED gas valve 6 (12)

Order number

531-0110

531-0120

Device name

Supplementary Unit ZUZ 3 Burner

Supplementary Unit ZUZ 6 Burner

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