

## Информационен лист | Номер на артикул: 2273-205/995-020

Противоположна инсталационна клема; за твърди проводници; макс. 2,5 mm<sup>2</sup>; 5-проводн.; прозрачният корпус; жълто покритие; Температура на околния въздух: макс. 60°C (T60); 2,50 mm<sup>2</sup>; прозрачен

<https://www.wago.com/2273-205/995-020>



Цвят:  прозрачен

### Advantages:

- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid conductors
- Cross-section range: 0.5 ... 2.5 mm<sup>2</sup>
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid ("s") copper conductors

### Notes

Safety management note

**ЗАБЕЛЕЖКА: Спазвайте инструкциите за монтаж и безопасност!**

- **Да се използва само от електротехници!**
- Не работете под напрежение/натоварване!
- Използвайте само за правилна употреба!
- Спазвайте националните разпоредби/стандарти/указания!
- Спазвайте техническите спецификации на продуктите!
- Спазвайте броя на допустимите потенциали!
- Не използвайте повредени/замърсени компоненти!
- Съобразявайте видовете проводници, напречните сечения и дължината на кабела!
- Вкарайте проводника до упор!
- Използвайте оригинални аксесоари!

**Да се продава само с инструкции за монтаж!**

Safety Information

in grounded power lines

### Electrical data

Ratings per	IEC/EN 60998		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	24 A

Approvals per	UL 486C		
Use group	B	C	D
Rated voltage	-	-	-

## Connection data

Clamping units	5
Total number of potentials	1

## Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Connectable conductor materials (note) **Terminating Aluminum Conductors**  
WAGO Spring-Clamp Terminal Blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste [249-130](#) is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

For spring pressure connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:  
2.5 mm<sup>2</sup> = 16 A  
4 mm<sup>2</sup> = 22 A

Solid conductor	0,5 ... 2,5 mm <sup>2</sup> / 20 ... 16 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

## Physical data

Width	22 mm / 0.866 inches
Height	5,8 mm / 0.228 inches
Depth	16,7 mm / 0.657 inches

## Material data

Note (material data)	<a href="#">Информация за спецификациите на материалите можете да намерите ТУК</a>
Color	прозрачен
Cover color	yellow
Material group	IIIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Clamping spring material	Хром-никелова пружинна стомана (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Калаено
Fire load	0.039 MJ
Weight	1.6 g

## Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C
Temperature marking per EN 60998	T60

## Commercial data

ETIM 9.0	EC000446
ETIM 8.0	EC000446
PU (SPU)	360 (20) бр.
Packaging type	Блистер
Country of origin	DE
GTIN	4066966001808
Customs tariff number	85369010000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## 1 Съвместими продукти

### 1.1 Допълнителни аксесоари

#### 1.1.1 Mounting adapter

##### 1.1.1.1 Mounting accessories



##### Артикул №: 2273-500

Монтажен адаптер; за едноредови и двуредови конектори; Серия 2273; за винтов монтаж/монтаж на DIN 35 шина; оранжев

#### 1.1.2 Tool

##### 1.1.2.1 "Alu-Plus" contact paste

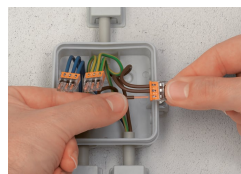


##### Артикул №: 249-130

Спринцовка; Съдържание: контактна паста „Alu-Plus“ 20 ml

## Бележки за инсталиране

## Conductor termination



Strip solid conductor to 11 mm/0.43 inch (see marking).

The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.

Termination: Insert the stripped solid conductor until it hits the backstop.

Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

## Testing



Testing via test port opposite to conductor entry.