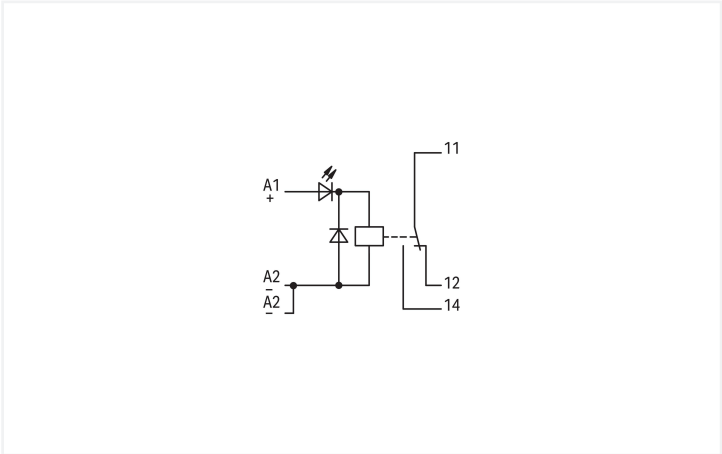


**Data Sheet | Item Number: 286-307/004-000**

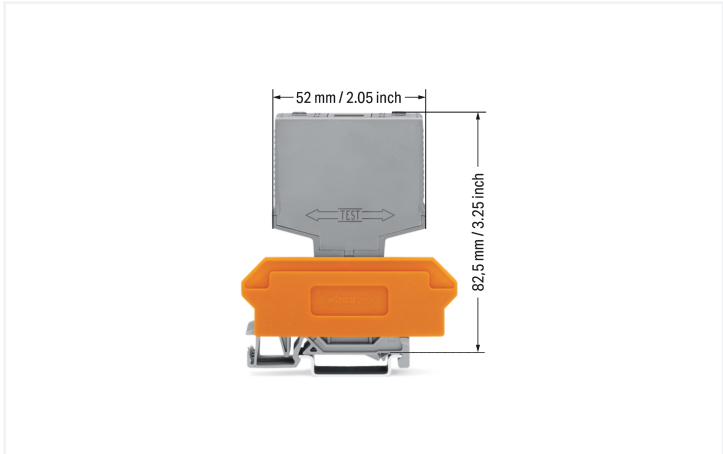
Relay module; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 3 A; Railway; Red status indicator; Module width: 15 mm; gray

<https://www.wago.com/286-307/004-000>



Color: ■ gray

Similar to illustration



| Technical data                 |               |                                          |           |
|--------------------------------|---------------|------------------------------------------|-----------|
| Control circuit                |               | Load circuit                             |           |
| Nominal input voltage $U_N$    | 110 VDC       | Number of changeover/switchover contacts | 1         |
| Input voltage range            | -30 ... +25 % | Contact material (relay)                 | AgNi 0.15 |
| Nominal input current at $U_N$ | 4 mA          | Limiting continuous current              | 3 A       |
|                                |               | Switching Voltage, Max.                  | 250 VAC   |
|                                |               | Switching power (resistive) max.         | AC 750 VA |
|                                |               | Pull-in time (typ.)                      | 8 ms      |
|                                |               | Drop-out time (typ.)                     | 6 ms      |
|                                |               | Bounce time (typ.)                       | 4 ms      |



| Signaling        |         |
|------------------|---------|
| Status indicator | Red LED |

| Safety and protection                                  |                                        |
|--------------------------------------------------------|----------------------------------------|
| Rated Voltage                                          | 300 V                                  |
| Overvoltage category                                   | II                                     |
| Pollution degree                                       | 2                                      |
| Dielectric strength (control/load circuit) (AC, 1 min) | 3 kVrms                                |
| Dielectric strength (open contact) (AC, 1 min)         | 1 kVrms                                |
| Insulation type (control/load circuit)                 | Reinforced insulation (safe isolation) |
| Insulation type (adjacent devices)                     | Reinforced insulation (safe isolation) |
| Protection type                                        | IP20                                   |

| Physical data                     |                                        |
|-----------------------------------|----------------------------------------|
| Width                             | 15 mm / 0.591 inches                   |
| Height                            | 52 mm / 2.047 inches                   |
| Depth from upper-edge of DIN-rail | 82.5 mm / 3.248 inches                 |
| Note (dimensions)                 | Depth including carrier terminal block |

| Mechanical data |                                                 |
|-----------------|-------------------------------------------------|
| Mounting type   | Pluggable module for receptacle terminal blocks |

| Material data        |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Color                | gray                                                                     |
| Fire load            | 0.292 MJ                                                                 |
| Weight               | 23.1 g                                                                   |

| Environmental requirements                         |                                          |
|----------------------------------------------------|------------------------------------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -25 ... +70 °C                           |
| Ambient temperature (storage)                      | -25 ... +70 °C                           |
| Processing temperature                             | -25 ... +50 °C                           |
| Relative humidity                                  | 5 ... 85 % (no condensation permissible) |
| Operating altitude (max.)                          | 2000 m                                   |

| Standards and Specifications |                |
|------------------------------|----------------|
| Standards/specifications     | EN 61010-2-201 |

| Commercial data       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| PU (SPU)              | 15 (1) pcs               |
| Packaging type        | Box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454709105            |
| Customs tariff number | 85364900990              |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39122334             |
| eCl@ss 10.0            | 27-37-16-01          |
| eCl@ss 9.0             | 27-37-16-01          |
| ETIM 9.0               | EC001437             |
| ETIM 10.0              | EC001437             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------|
| CAS-No.                                   | 1303-86-2<br>7439-92-1<br>79-94-7                                            |
| REACH Candidate List Substance            | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>Diboron trioxide<br>Lead |
| RoHS Compliance Status                    | Compliant,With Exemption                                                     |
| RoHS Exemption                            | 7(a)                                                                         |
| SCIP notification number (Austria)        | 81828017-49df-4293-a656-88ad43efb054                                         |
| SCIP notification number (Belgium)        | 5ddc4fe6-0673-499a-8e00-c8dfe3e61a8d                                         |
| SCIP notification number (Bulgaria)       | 08b6913c-7e63-49aa-868c-5905e8b4cd05                                         |
| SCIP notification number (Czech Republic) | 6fc70c82-1fab-4a89-8148-b9a659039b3a                                         |
| SCIP notification number (Denmark)        | af3d9c6f-763c-4fb5-8461-e5edef4dae6d                                         |
| SCIP notification number (Finland)        | 910b84da-0a64-4266-a73b-82f0562b16e7                                         |
| SCIP notification number (France)         | 8e409d76-c604-4f79-8e66-0310246cb279                                         |
| SCIP notification number (Germany)        | 006dad3-90a1-45d5-b130-4c5dc5632ff3                                          |
| SCIP notification number (Hungary)        | 7c1acc02-2e72-4027-bf12-0cafff02106e                                         |
| SCIP notification number (Italy)          | e333515a-0f47-4cca-bb4c-785059621f90                                         |
| SCIP notification number (Netherlands)    | 0c5e03ed-27b1-489b-9876-f99ccce5af3c                                         |
| SCIP notification number (Poland)         | 6df00da0-9c65-403f-82b3-92d439f1046f                                         |
| SCIP notification number (Romania)        | cb548765-5811-44dc-9de0-25cb0a5d1a0e                                         |
| SCIP notification number (Sweden)         | 3418933c-d55f-4ac5-b907-4b47107f3f03                                         |

| Approvals / Certificates                                                           |                |                                                            |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------|
| General approvals                                                                  |                | Declarations of conformity and manufacturer's declarations |
|  |                |                                                            |
| Approval                                                                           | Standard       | Certificate Name                                           |
| EAC<br>GZO Almaty Standart                                                         | TP TC 004/2011 | EAC CoC 03078                                              |
| EAC<br>GZO Almaty Standart                                                         | TP TC 020/2011 | EAC CoC 03081                                              |

| Approval                                           | Standard | Certificate Name |
|----------------------------------------------------|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

286-307/004-000

↓

Documentation

Instruction Leaflet

Operation and Assembly Instructions Interface

V 1.0.0  
02.04.2025

pdf  
1246.19 KB

↓

CAD/CAE-Data

CAE data

WSCAD Universe

286-307/004-000

↓

- 1 Compatible Products
- 1.1 Optional Accessories
- 1.1.1 Marking
- 1.1.1.1 Marker



**Item No.: 209-701**  
WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.2 Terminal blocks

1.1.2.1 Terminal block for pluggable modules



**Item No.: 280-619**  
Terminal block for pluggable modules; 6-pole; with 2-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



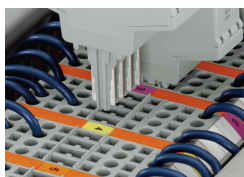
**Item No.: 280-763**  
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



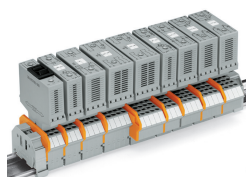
**Item No.: 280-609**  
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes

### Installation



Coding ensures correct polarity.



Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

### Marking



Marking via WMB Multi Marking System.

### Testing



Function testing via touch-proof test slots