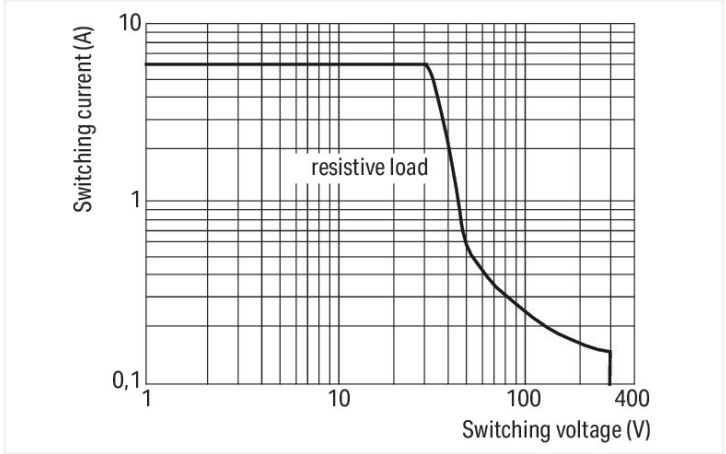
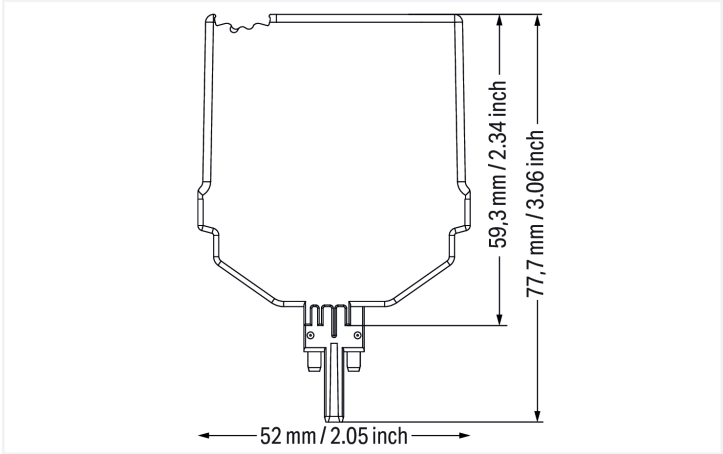
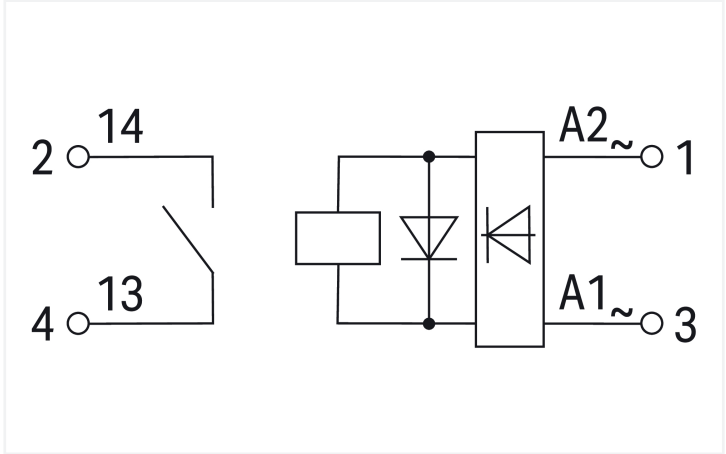




DC load limit curve

| Technical data                 |                              |                                             |                                           |
|--------------------------------|------------------------------|---------------------------------------------|-------------------------------------------|
| Control circuit                |                              | Load circuit                                |                                           |
| Nominal input voltage $U_N$    | 24 ... 230 VAC/VDC           | Number of make/switch-on contacts           | 1                                         |
| Input voltage range            | $\pm 10\%$                   | Contact material (relay)                    | AgSnO <sub>2</sub>                        |
| Nominal input current at $U_N$ | 2 mA (230 V); 26.3 mA (24 V) | Limiting continuous current                 | 3 A                                       |
|                                |                              | Switching Voltage, Max.                     | 250 VAC                                   |
|                                |                              | Switching power (resistive) max.            | AC 750 VA; DC (see load limit curve)      |
|                                |                              | Switching capacity                          | AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC |
|                                |                              | Recommended minimum load                    | 10 V / 10 mA; 24 V / 1 mA                 |
|                                |                              | Pull-in time (typ.)                         | 8 ms                                      |
|                                |                              | Drop-out time (typ.)                        | 4 ms                                      |
|                                |                              | Electrical life (NO; resistive load; 23 °C) | 50 x 10 <sup>3</sup> switching operations |
|                                |                              | Mechanical life                             | 5 x 10 <sup>6</sup> switching operations  |



| Signaling        |           |
|------------------|-----------|
| Status indicator | Green LED |

| Safety and protection                                  |         |
|--------------------------------------------------------|---------|
| Rated Voltage                                          | 250 V   |
| Pollution degree                                       | 2       |
| Dielectric strength (control/load circuit) (AC, 1 min) | 3 kVrms |
| Dielectric strength (open contact) (AC, 1 min)         | 1 kVrms |
| Protection type                                        | IP20    |

| Physical data           |                        |
|-------------------------|------------------------|
| Width                   | 10.3 mm / 0.406 inches |
| Height                  | 77.7 mm / 3.059 inches |
| Height from the surface | 59.3 mm / 2.335 inches |
| Depth                   | 52 mm / 2.047 inches   |

| Mechanical data |                                                       |
|-----------------|-------------------------------------------------------|
| Mounting type   | Pluggable module for TOPJOB® S carrier terminal block |

| Material data               |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Note (material data)        | <a href="#">Information on material specifications can be found here</a> |
| Flammability class per UL94 | V0                                                                       |
| Fire load                   | 0.107 MJ                                                                 |
| Weight                      | 23.5 g                                                                   |

| Environmental requirements                         |                |
|----------------------------------------------------|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -40 ... +70 °C |
| Ambient temperature (storage)                      | -40 ... +85 °C |
| Processing temperature                             | -25 ... +50 °C |
| Operating altitude (max.)                          | 2000 m         |

| Standards and specifications |                                            |
|------------------------------|--------------------------------------------|
| Standards/specifications     | EN 61010-2-201<br>EN 61373<br>EN 50121-3-2 |

| Commercial data       |               |
|-----------------------|---------------|
| PU (SPU)              | 6 pcs         |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143709538 |
| Customs tariff number | 85364900990   |



| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39122334             |
| eCl@ss 10.0            | 27-14-11-49          |
| eCl@ss 9.0             | 27-14-11-49          |
| ETIM 9.0               | EC002018             |
| ETIM 8.0               | EC002018             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| CAS-No.                                   | 1303-86-2<br>1317-36-8<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<br>Lead monoxide |
| RoHS Compliance Status                    | Compliant,With Exemption                                                                      |
| RoHS Exemption                            | 7(a)<br>7(c)-I                                                                                |
| SCIP notification number (Austria)        | 0694f120-feed-4ded-bbde-7f27a625ae68                                                          |
| SCIP notification number (Belgium)        | b25e496a-8056-4411-b075-ce516850bb8e                                                          |
| SCIP notification number (Bulgaria)       | 9c72c8ab-cafd-4e76-b1ec-7b7c7d720dcc                                                          |
| SCIP notification number (Czech Republic) | 1f13344e-9619-46e9-b522-d8e841bc7e6f                                                          |
| SCIP notification number (Denmark)        | 0ae12061-5423-48bc-ac34-d5c0599e1dfe                                                          |
| SCIP notification number (Finland)        | e274da6d-c517-47e0-9a12-58b0344b3332                                                          |
| SCIP notification number (France)         | a86fd98c-cbf4-43bf-8ea7-10b8026eb206                                                          |
| SCIP notification number (Germany)        | 7d0fba40-71cd-4e8f-87d9-5db43a1865d3                                                          |
| SCIP notification number (Hungary)        | a81b73d0-0727-4c8d-af41-4f5d747182bf                                                          |
| SCIP notification number (Italy)          | c49ef430-06f8-4867-bbcf-fd394d718ee4                                                          |
| SCIP notification number (Netherlands)    | 5173f441-20b6-40b0-9d9d-f4b862829d3f                                                          |
| SCIP notification number (Poland)         | f2953b79-8f19-4ae0-84f2-6074f75fe9de                                                          |
| SCIP notification number (Romania)        | b23aa75f-0ca2-4d9b-a0a1-5f92166db455                                                          |
| SCIP notification number (Sweden)         | c2e9e5f0-eed1-4897-a752-83593fa29819                                                          |

Approvals / Certificates

| General approvals                                                                  |                |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|------------------------------------------------------------------------------------|----------------|------------------|------------------------------------------------------------|----------|------------------|
|  |                |                  |                                                            |          |                  |
| Approval                                                                           | Standard       | Certificate Name | Approval                                                   | Standard | Certificate Name |
| EAC<br>GZO Almaty Standart                                                         | TP TC 004/2011 | EAC CoC 03084    | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| UL<br>Underwriters Laboratories<br>Inc. (ORDINARY LOCATI-<br>ONS)                  | UL 61010-1     | E175199          |                                                            |          |                  |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2042-3809

↓

Documentation

Bid Text

|           |            |                  |   |
|-----------|------------|------------------|---|
| 2042-3809 | 19.02.2019 | xml<br>3.85 KB   | ↓ |
| 2042-3809 | 20.02.2019 | docx<br>16.66 KB | ↓ |

Instruction Leaflet

|                                                             |         |                   |   |
|-------------------------------------------------------------|---------|-------------------|---|
| Pluggable Relay Module / Pluggable Solid-State Relay Module | V 1.1.0 | pdf<br>1933.06 KB | ↓ |
|-------------------------------------------------------------|---------|-------------------|---|

CAD/CAE-Data

CAD data

2D/3D Models  
2042-3809

↓

CAE data

ZUKEN Portal  
2042-3809

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 2002-1691](#)  
End and intermediate plate; 1 mm thick; gray





[Item No.: 2002-1791](#)  
End and intermediate plate; 1 mm thick; gray





[Item No.: 2002-1891](#)  
End and intermediate plate; 1 mm thick; gray





[Item No.: 2002-1991](#)  
End and intermediate plate; 1 mm thick; gray



[Item No.: 2002-1692](#)  
End and intermediate plate; 1 mm thick; orange

[Item No.: 2002-1792](#)  
End and intermediate plate; 1 mm thick; orange

[Item No.: 2002-1892](#)  
End and intermediate plate; 1 mm thick; orange

[Item No.: 2002-1992](#)  
End and intermediate plate; 1 mm thick; orange

1.1.2 Marking

1.1.2.1 Marker



[Item No.: 793-5501](#)  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



[Item No.: 793-501](#)  
WMB marking card; as card; not stretchable; plain; snap-on type; white



[Item No.: 2009-115](#)  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



1.1.2.2 Marking strip



**Item No.: 2009-110**  
Marking strips; for Smart Printer; on reel;  
not stretchable; plain; snap-on type; white

1.1.3 Terminal blocks

1.1.3.1 Carrier terminal block for modules and plugs



**Item No.: 2002-1661**  
2-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-1961**  
2-conductor carrier terminal block; with  
additional jumper position; for DIN-rail 35  
x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE  
CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-1761**  
3-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item No.: 2002-1861**  
4-conductor carrier terminal block; for  
DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Pu-  
sh-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray