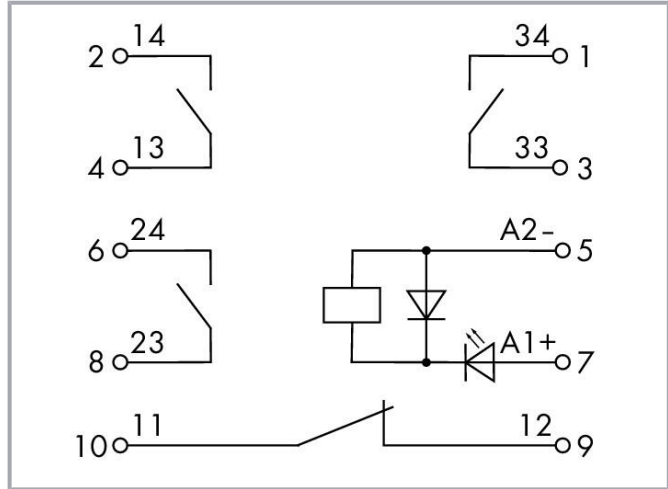
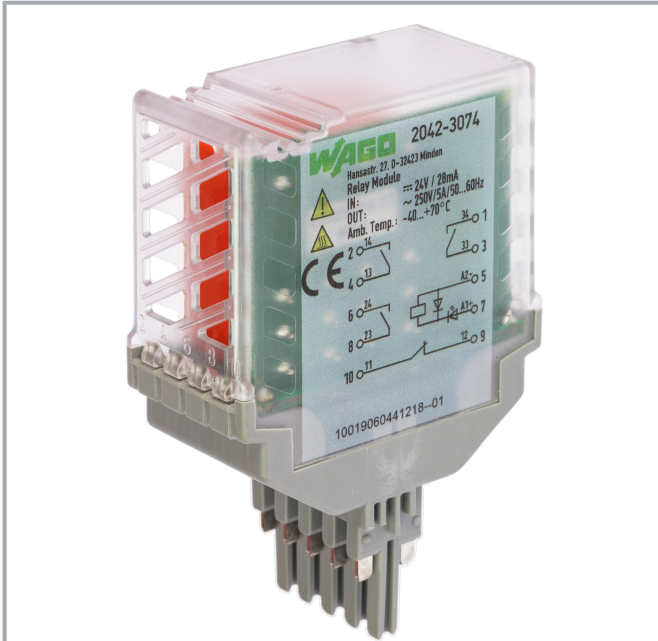


Data sheet | Item number: 2042-3074

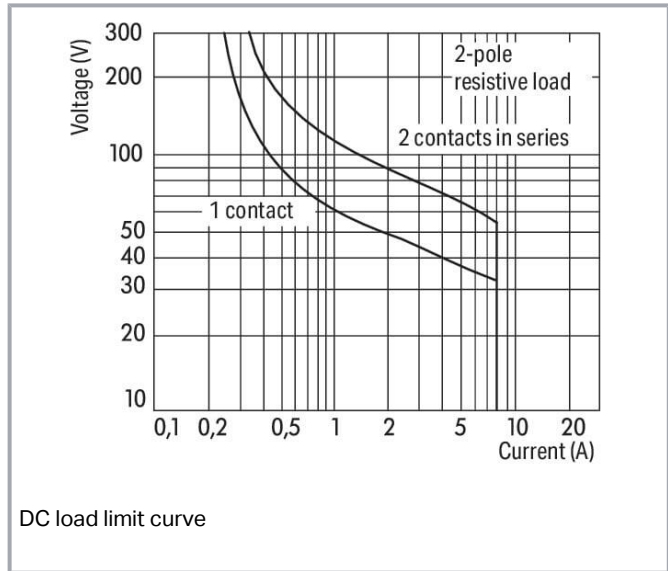
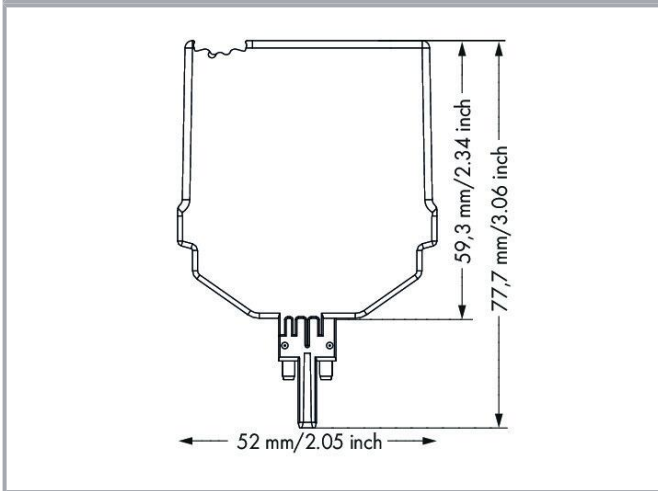
Relay module; Nominal input voltage: 24 VDC; 3 break contacts and 1 make contact; Limiting continuous current: 5 A; Railway; Green status indicator; Module width: 25 mm



www.wago.com/2042-3074



Similar to picture



DC load limit curve

Subject to changes. Please also observe the further product documentation!

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 32423 Minden
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 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.

Data

Technical data

Control Circuit

| | |
|--------------------------------|---------------|
| Nominal input voltage U_N | DC 24 V |
| Input voltage range | -30 ... +25 % |
| Nominal input current at U_N | 28 mA |

Load circuit

| | |
|---|--|
| Number of break/switch-off contacts | 1 |
| Number of make/switch-on contacts | 3 |
| Contact material (relay) | AgNi |
| Limiting continuous current | 5 A |
| Inrush current (resistive) max. | (AC) 15 A / 4 s |
| Switching voltage (max.) | AC 250 V |
| Switching power (resistive) max. | AC 1250 VA; DC (see load limit curve) |
| Recommended minimum load | 12 V / 10 mA |
| Pull-in time (typ.) | 8 ms |
| Drop-out time (typ.) | 6 ms |
| Bounce time (typ.) | 4 ms |
| Electrical life (NO; resistive load; 23 °C) | 100 x 10 ³ switching operations |
| Mechanical life | 10 x 10 ⁶ 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 |
| Dielectric strength (channel/channel) (AC, 1 min) | 1.5 kVrms |
| Protection type | IP20 |

Subject to changes. Please also observe the further product documentation!



Physical data

| | |
|-------------------------|------------------------|
| Width | 25.9 mm / 1.02 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

| | |
|-----------------------------|----------|
| Flammability class per UL94 | V0 |
| Fire load | 0.255 MJ |
| Weight | 58.7 g |

Environmental requirements

| | |
|--|----------------|
| Ambient temperature (operation at U _N) | -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 EN 61373 EN 50121-3-2 |
|--------------------------|--|

Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-14-11-49 |
| eCl@ss 9.0 | 27-14-11-49 |
| ETIM 8.0 | EC002018 |
| ETIM 7.0 | EC002018 |
| PU (SPU) | 5 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4055143606820 |
| Customs tariff number | 85364900990 |

Subject to changes. Please also observe the further product documentation!

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Environmental Product Compliance

| | |
|---|---|
| CAS-No. | 7439-92-1 79-94-7 80-05-7 |
| REACH Candidate List Substance | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 4,4'-isopropylidenediphenol Lead |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 7(a) 7(c)-I 7(c)-II |
| SCIP notification number (Austria) | 995a297e-da5e-4923-8d9f-f402c26a110d |
| SCIP notification number (Belgium) | 96c039a9-4103-4286-a37e-cf2eb67e7f01 |
| SCIP notification number (Bulgaria) | 11347722-dbb0-46b4-b220-5ba880932ca5 |
| SCIP notification number (Czech Republic) | 9743bcc0-6a69-4c77-9dee-b241f40d0439 |
| SCIP notification number (Denmark) | b64461ec-ffc5-4469-802d-7e1b0bd3d82b |
| SCIP notification number (Finland) | c770b699-8e3e-489a-ba35-72c6879c7320 |
| SCIP notification number (France) | d1b5107b-7a7a-4488-aa72-fb8138a7bb4c |
| SCIP notification number (Germany) | d49c7183-17ee-4209-a689-b6e9e39e3656 |
| SCIP notification number (Hungary) | 8f85cfb1-a11c-45e8-a1f8-a90384bfed29 |
| SCIP notification number (Italy) | bede83a9-9a3a-4334-837f-dd760391ca15 |
| SCIP notification number (Netherlands) | acf3b8a0-880f-41bf-9407-2c10030b07eb |
| SCIP notification number (Poland) | b21fa629-b4c4-42d0-90fd-9a55ee329782 |
| SCIP notification number (Romania) | e89e6bd9-5474-4cdb-946e-22068b6ce3e7 |
| SCIP notification number (Sweden) | 26efe81d-dd38-474a-8fe8-a553c600d7ef |

Approvals / Certificates


General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|---|
|  | EAC Brjansker Zertifizierungsstelle | TP TC 020/2011 | EAC_Certificate_RU_C-DE.AM02.B.00115_19 |
|  | EAC Brjansker Zertifizierungsstelle | TP TC 004/2011 | EAC RU C-DE.AM02.B.00122/19 |
| | UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-1 | E175199 |

Subject to changes. Please also observe the further product documentation!












Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Optional accessories

Marking accessories

| Marking strip | | | |
|--|--|--|--|
|  | Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | | www.wago.com/2009-110 |
| Marker | | | |
|  | Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white | | www.wago.com/2009-115 |
|  | Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white | | www.wago.com/793-501 |
|  | 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 | | www.wago.com/793-5501 |
| End plate | | | |
| End plate | | | |
|  | Item no.: 2002-1892 End and intermediate plate; 1 mm thick; orange | | www.wago.com/2002-1892 |
|  | Item no.: 2002-1891 End and intermediate plate; 1 mm thick; gray | | www.wago.com/2002-1891 |
|  | Item no.: 2002-1991 End and intermediate plate; 1 mm thick; gray | | www.wago.com/2002-1991 |
|  | Item no.: 2002-1992 End and intermediate plate; 1 mm thick; orange | | www.wago.com/2002-1992 |
|  | Item no.: 2002-1691 End and intermediate plate; 1 mm thick; gray | | www.wago.com/2002-1691 |

Subject to changes. Please also observe the further product documentation!



Item no.: 2002-1692
End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1692



Item no.: 2002-1791
End and intermediate plate; 1 mm thick; gray

www.wago.com/2002-1791



Item no.: 2002-1792
End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1792

Terminal blocks

Carrier terminal block for modules and plugs



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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray www.wago.com/2002-1961



Item no.: 2002-1761
3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray www.wago.com/2002-1761



Item no.: 2002-1861
4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray www.wago.com/2002-1861

Downloads

Documentation

Bid Text

| | | | |
|---------------------------|-------------|-----------------|----------|
| 2042-3074 docx - Datei | 2019 Feb 20 | docx 17.2 kB | Download |
|---------------------------|-------------|-----------------|----------|

| | | | |
|--------------------------|-------------|---------------|----------|
| 2042-3074 X81 - Datei | 2019 Feb 19 | xml 4.0 kB | Download |
|--------------------------|-------------|---------------|----------|

Instruction Leaflet

| | | | |
|---|---------|---------------|----------|
| Pluggable Relay Module / Pluggable Solid-State Relay Module | V 1.1.0 | pdf 2.0 MB | Download |
|---|---------|---------------|----------|

Additional Information

| | | | |
|---|------------------------|---------------|----------|
| Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging | V 1.1.0 2022 Aug 18 | pdf 2.2 MB | Download |
|---|------------------------|---------------|----------|

Subject to changes. Please also observe the further product documentation!



CAD/CAE-Data

CAD data

| | | |
|------------------------|---------------------|--------------------------|
| 2D/3D Models 2042-3074 | URL | Download |
|------------------------|---------------------|--------------------------|

CAE data

| | | |
|------------------------|---------------------|--------------------------|
| ZUKEN Portal 2042-3074 | URL | Download |
|------------------------|---------------------|--------------------------|

Environmental Product Compliance

Compliance Search

| | | |
|--|---------------------|--------------------------|
| Environmental Product Compliance 2042-3074 | URL | Download |
|--|---------------------|--------------------------|

Relay module; Nominal input voltage: 24 VDC; 3 break contacts and 1 make contact;
Limiting continuous current: 5 A; Railway; Green status indicator; Module width: 25 mm

Installation Notes

Subject to changes. Please also observe the further product documentation!