

DRR273524L**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Individual relays within the D-SERIES DRR

- 2 CO contacts
- Optional AC or DC coils
- With integrated status LED

General ordering data

| | |
|------------|---|
| Version | D-SERIES DRR, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 24 V AC, Continuous current: 10 A, Plug-in connection, Test button available: No |
| Order No. | 2765310000 |
| Type | DRR273524L |
| GTIN (EAN) | 4064675076889 |
| Qty. | 10 pc(s). |

Creation date July 22, 2024 3:45:31 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 66 mm | Depth (inches) | 2.598 inch |
| Height | 34.5 mm | Height (inches) | 1.358 inch |
| Width | 34.5 mm | Width (inches) | 1.358 inch |
| Net weight | 82.4 g | | |

Temperatures

| | | | |
|---------------------|---|-----------------------|----------------|
| Storage temperature | -25 °C...55 °C | Operating temperature | -25 °C...55 °C |
| Humidity | 5...85 % rel. humidity, no condensation | | |

Rated data UL

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

Control side

| | | | |
|-----------------------|---------|------------------|--------------------------------|
| Rated control voltage | 24 V AC | Rated current AC | 130 mA (50 Hz), 116 mA (60 Hz) |
| Power rating | 2.7 VA | Coil resistance | 62.5 Ω ± 10 % |
| Coil tolerance | 10 % | Status indicator | red LED |

Load side

| | | | |
|---|---------------------------------------|---|----------------------|
| Rated switching voltage | 250 V AC | Continuous current | 10 A |
| Max. switching frequency at rated load | 0.1 Hz | Max. switching voltage, AC | 250 V |
| Inrush current | 50 A / 50 ms | AC switching capacity (resistive), max. | 2500 VA |
| DC switching capacity (resistive), max. | 240 W @ 24 V | Switch-on delay | <30 ms |
| Switch-off delay | <20 ms | Contact type | 2 CO contact (AgSnO) |
| Mechanical service life | 10 x 10 ⁶ switching cycles | Min. switching power | 10 mA @ 12 V |

General data

| | | |
|--------------------------------------|--------------------------|------------------------|
| Test button available | No | |
| Mechanical switch position indicator | Yes | |
| Colour | Transparent | |
| UL94 flammability rating component | Component | Relay status indicator |
| | UL94 flammability rating | HB |
| | Component | Relay baseplate |
| | UL94 flammability rating | V-0 |
| | Component | Relay cover |
| | UL94 flammability rating | V-2 |

Insulation coordination

| | | | |
|---|--------------------------------|--|--------------------------------|
| Rated voltage | 250 V | Pollution severity | 3 |
| Surge voltage category | III | Insulating material group | IIIa |
| Clearance and creepage distances for control side - load side | ≥ 4 mm | Dielectric strength for control side - load side | 2.5 kV _{eff} / 1 Min. |
| Dielectric strength of neighbouring contacts | 2.5 kV _{eff} / 1 Min. | Dielectric strength of open contact | 1.2 kV _{eff} / 1 min. |
| Impulse withstand voltage | 4 kV (1.2/50 μs) | Protection degree | IP20 |

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Technical data

Further details of approvals / standards

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

Connection data

| | |
|------------------------|--------------------|
| Wire connection method | Plug-in connection |
|------------------------|--------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001437 | ETIM 7.0 | EC001437 |
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ECLASS 9.0 | 27-37-16-01 | ECLASS 9.1 | 27-37-16-01 |
| ECLASS 10.0 | 27-37-16-01 | ECLASS 11.0 | 27-37-16-01 |
| ECLASS 12.0 | 27-37-16-01 | ECLASS 13.0 | 27-37-16-01 |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E312083 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU Konformitätserklärung / EU Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | FL D-SERIES DRR2CO_LOAD_GUIDE |
| Catalogues | Catalogues in PDF-format |

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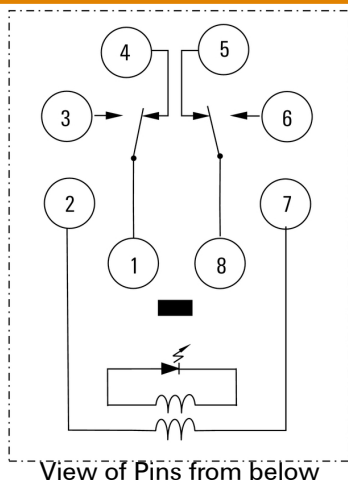
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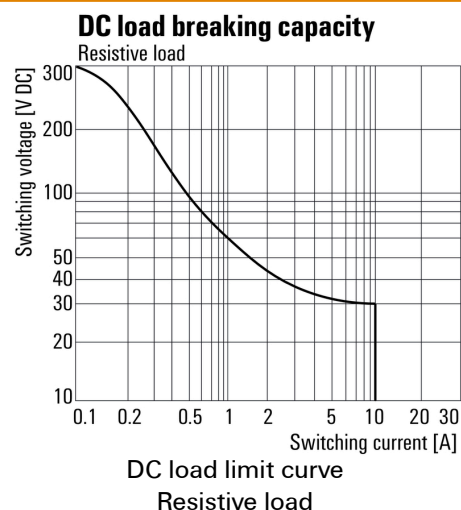
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Drawings

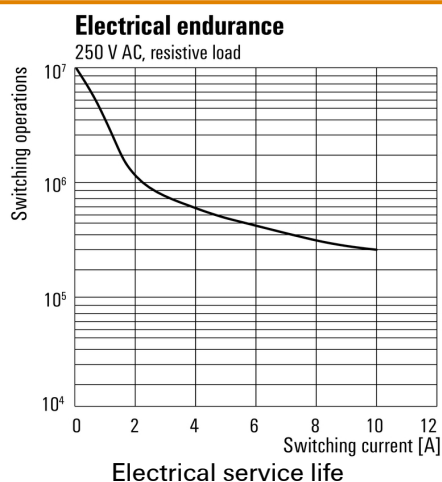
Wiring diagram



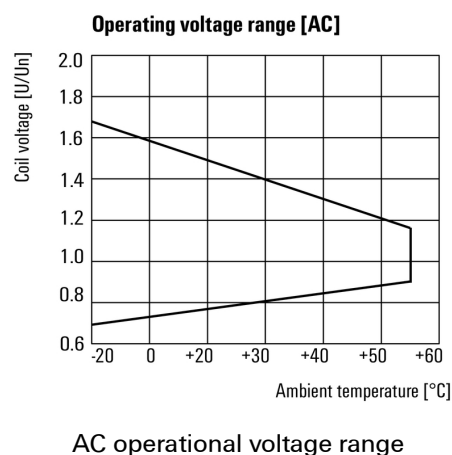
Graph



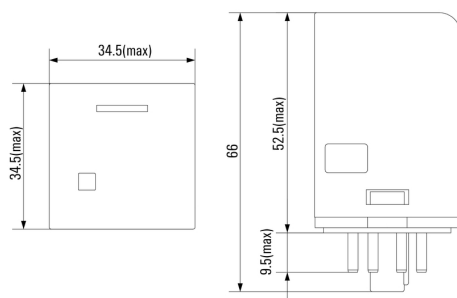
Graph



Graph



Dimensional drawing



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Accessories

ESG 6/17



Guaranteed long service life: ESG

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

Your benefits with MultiMark

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

General ordering data

| | | |
|------------|----------------------------|---------------------------------------|
| Type | ESG 6/17 MM WS | Version |
| Order No. | 2005100000 | ESG, Device markers, 6 x 17 mm, white |
| GTIN (EAN) | 4050118390728 | |
| Qty. | 3,000 pc(s). | |

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | ESG 6/15 K MC NE GE | Version |
| Order No. | 1880130000 | ESG, Device markers x 15 mm, PA 66, Colour: yellow, Self-adhesive |
| GTIN (EAN) | 4032248478910 | |
| Qty. | 200 pc(s). | |

| | | |
|------------|----------------------------|--|
| Type | ESG 6/15 K MC NE WS | Version |
| Order No. | 1880100000 | ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive |
| GTIN (EAN) | 4032248478781 | |
| Qty. | 200 pc(s). | |

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | ESG 6/17 K MC NE GE | Version |
| Order No. | 1880110000 | ESG, Device markers x 17 mm, PA 66, Colour: yellow, Self-adhesive |
| GTIN (EAN) | 4032248478798 | |
| Qty. | 200 pc(s). | |
| Type | ESG 6/17 K MC NE WS | Version |
| Order No. | 1880120000 | ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive |
| GTIN (EAN) | 4032248478804 | |
| Qty. | 200 pc(s). | |

Sockets



Relay sockets for the D-SERIES DRR relays

- 2 or 3 CO contacts
- Screw connection

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SRD ECO 2CO | Version |
| Order No. | 1132810000 | D-SERIES DRR, Relay socket, Number of contacts: 2, CO contact, |
| GTIN (EAN) | 4032248952663 | Continuous current: 12 A, Screw connection |
| Qty. | 10 pc(s). | |

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| | | |
|------------|----------------------------|---------------------------------------|
| Type | ESG 6/15 MM WS | Version |
| Order No. | 2619940000 | ESG, Device markers, 6 x 15 mm, white |
| GTIN (EAN) | 4050118626148 | |
| Qty. | 3,000 pc(s). | |

Protection modules

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With free-wheeling diode or RC filter

General ordering data

| | | |
|------------|----------------------------|--|
| Type | RIM 5 6/230VAC | Version |
| Order No. | 1174670000 | D-SERIES, RC filter, Rated control voltage: 6...230 V AC, Plug-in connection |
| GTIN (EAN) | 4032248971312 | |
| Qty. | 10 pc(s). | |

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Accessories

Retaining clips



Retaining clip for D-SERIES DRR relays

- Metal retaining clip

General ordering data

| Type | DRR CLIP M | Version | |
|------------|----------------------------|------------------------------|--|
| Order No. | 1134160000 | D-SERIES DRR, Retaining clip | |
| GTIN (EAN) | 4032248953479 | | |
| Qty. | 10 pc(s). | | |

Blank



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General ordering data

| Type | ESG 9/11 K MC NE WS | Version | |
|------------|----------------------------|--|--|
| Order No. | 1857440000 | ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive | |
| GTIN (EAN) | 4032248402731 | | |
| Qty. | 200 pc(s). | | |

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Accessories

Blank, adhesive backing



SM is a MultiCard marker for labelling control and signalling devices. The tags are clipped into the carriers or attached by means of the adhesive film already fitted to them. Customised tags can be created with the PrintJet CONNECT or Plotter marking systems.

- Users can quickly produce tags to suit their needs
- No need to stock expensive standard tags
- Highly resistant printing quality when using the PrintJet as a substitute for engraving
- For extreme demands, we recommend the ETO SM protective film
- Holders can be used for the 22-mm or 30-mm-diameter push-buttons from Siemens, ABB, Moeller and Télémécanique

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SM 18/9.5 K MC NE GE | Version |
| Order No. | 1248590000 | SwitchMark, Device markers, 9.5 x 18 mm, Siemens 3 SB, yellow |
| GTIN (EAN) | 4050118038958 | |
| Qty. | 200 pc(s). | |
| Type | SM 18/9.5 K MC NE GR | Version |
| Order No. | 1248610000 | SwitchMark, Device markers, 9.5 x 18 mm, grey |
| GTIN (EAN) | 4050118038675 | |
| Qty. | 200 pc(s). | |
| Type | SM 18/9.5 K MC NE WS | Version |
| Order No. | 1248580000 | SwitchMark, Device markers, 9.5 x 18 mm, white |
| GTIN (EAN) | 4050118038965 | |
| Qty. | 200 pc(s). | |

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Drawings

Miscellaneous



Type codes