

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Similar to illustration

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 1 CO contact
- Optional: Test button with coloured identification of coils (AC red / DC blue)
- Bright status LED (AC coil: red / DC coil: green)

General ordering data

| | |
|-----------------|--|
| Version | D-SERIES DRI, Relay module, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Screw connection, Test button available: No |
| Order No. | 2476690000 |
| Type | DRIKIT 48VDC 1CO LD |
| GTIN (EAN) | 4050118496918 |
| Qty. | 10 items |
| Delivery status | This article will no longer be available in the future. |
| Last order date | 2026-11-30T00:00:00+01:00 |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 67.7 mm | Depth (inches) | 2.6653 inch |
| Height | 80.2 mm | Height (inches) | 3.1575 inch |
| Width | 15.8 mm | Width (inches) | 0.622 inch |
| Net weight | 57.5 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|--|
| Storage temperature | -40 °C...85 °C | Ambient temperature | -40 °C...55 °C |
| Operating temperature | | Humidity | 35...85 % rel. humidity, no condensation |

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
REACH SVHC No SVHC above 0.1 wt%

Control side

| | | | |
|-----------------------|-----------|--------------------|---------------------|
| Rated control voltage | 48 V DC | Rated current DC | 11,2 mA |
| Power rating | 530 mW | Coil resistance | 4300 Ω ± 10 % |
| Status indicator | Green LED | Protective circuit | Free-wheeling diode |

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 |
| Max. switching voltage, DC | 250 V | AC switching capacity (resistive), max. | 2500 VA |
| DC switching capacity (resistive), max. | 240 W @ 24 V | Switch-on delay | ≤ 15 ms |
| Switch-off delay | ≤ 10 ms | Contact type | 1 CO contact (AgSnO) |
| Mechanical service life | 10 x 10 ⁶ switching cycles | Min. switching power | 10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V |

General data

| | | |
|--------------------------------------|--------------------------|----------------|
| Mounting rail | TS 35 | |
| Test button available | No | |
| Mechanical switch position indicator | No | |
| Colour | black | |
| UL94 flammability rating component | Component | Housing |
| | UL94 flammability rating | V-2 |
| | Component | Mounting foot |
| | UL94 flammability rating | HB |
| | Component | Retaining clip |
| | UL94 flammability rating | HB |
| | Component | Relay cover |
| | UL94 flammability rating | V-2 |
| Component | Relay baseplate | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

UL94 flammability rating V-0

Insulation coordination

| | | | |
|---|-----------------|--|--------------------|
| Rated voltage | 250 V | Pollution severity | 2 |
| Surge voltage category | III | Insulating material group | IIIb |
| Clearance and creepage distances for control side - load side | ≥ 3 mm | Dielectric strength for control side - load side | 4 kVeff / 1 Min. |
| Dielectric strength of open contact | 1 kVeff / 1 min | Impulse withstand voltage | 4.8 kV (1.2/50 µs) |
| Protection degree | IP20 | | |

Further details of approvals / standards

| | | | |
|-------------------------------|-----------------------------|------------------------------|-------------------------|
| Relevant relay | DRI314048LD | Relevant base | SDI 1CO |
| Certificate no. (cURus) relay | E312083 | Certificate no. (cURus) base | E355547 |

Connection data

| | | | |
|---|---------------------|---|----------------------|
| Wire connection method | Screw connection | Stripping length, rated connection | 8 mm |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.8 Nm |
| Clamping range, rated connection | 1.5 mm ² | Clamping range, min. | 0.25 mm ² |
| Clamping range, max. | 4 mm ² | Wire cross-section, solid, min. | 0.25 mm ² |
| Wire cross-section, solid, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.25 mm ² |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.25 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² | Conductor cross-section, flexible, AEH (DIN 46228-1), min. | 0.25 mm ² |
| Conductor cross-section, flexible, AEH (DIN 46228-1), max. | 4 mm ² | Blade size | size PH1 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ETIM 10.0 | EC001437 | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 | | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

Drawings

www.weidmueller.com

Wiring diagram

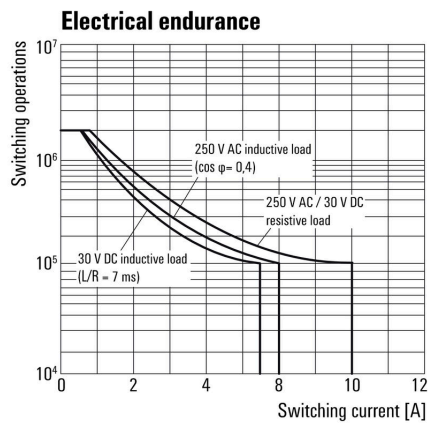


Graph



DC load limit curve Resistive load

Graph



Electrical service life

Graph



DC operational voltage range

Dimensional drawing



DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

Drawings

www.weidmueller.com

Miscellaneous



Type codes

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

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 1 6/230VDC | Version | |
| Order No. | 7760056169 | D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug- | |
| GTIN (EAN) | 4032248967728 | in connection | |
| Qty. | 10 ST | | |

LED / free-wheel diode



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

- With green LED and free-wheeling diode

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | RIM 2 24/60VDC | Version | |
| Order No. | 7760056016 | D-SERIES, LED module with freewheel diode, Rated control voltage: | |
| GTIN (EAN) | 4032248878123 | 24...60 V DC, Plug-in connection | |
| Qty. | 10 ST | | |

LED



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

- With green LED

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | RIM 3 24/60VUC | Version | |
| Order No. | 7760056018 | D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in | |
| GTIN (EAN) | 4032248878130 | connection | |
| Qty. | 10 ST | | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Retaining clips



Retaining clip for D-SERIES DRI relays
 • Metal and plastic retaining clip

General ordering data

| | | |
|------------|----------------------------|------------------------------|
| Type | SDI CLIP P | Version |
| Order No. | 7760056389 | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944 169787539 | |
| Qty. | 10 ST | |

| | | |
|------------|----------------------------|------------------------------|
| Type | SDI CLIP LM | Version |
| Order No. | 7760056368 | D-SERIES DRI, Retaining clip |
| GTIN (EAN) | 6944 169773341 | |
| Qty. | 10 ST | |

Cross-connection for socket with screw connection

Cross-connection for the sockets in the RIDERSERIES RCI.



General ordering data

| | | |
|------------|----------------------------|----------------------------------|
| Type | SRC-I QV S | Version |
| Order No. | 1132070000 | RIDERSERIES RCI, Cross-connector |
| GTIN (EAN) | 4032248912087 | |
| Qty. | 10 ST | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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:

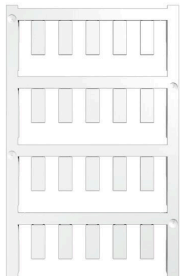
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

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 SDI MC NE WS | Version | |
| Order No. | 2558340000 | ESG, Device markers x 15 mm, PA 66, Colour: white, pluggable | |
| GTIN (EAN) | 4050118569056 | | |
| Qty. | 200 ST | | |

Custom printing



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 SDI MC SDR | Version | |
| Order No. | 2558310000 | ESG, Device markers x 15 mm, PA 66, Colour: To customer specification, pluggable | |
| GTIN (EAN) | 4050118569025 | | |
| Qty. | 40 ST | | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | SDIK PH1 X 80 | Version | |
| Order No. | 2749890000 | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1 | |
| GTIN (EAN) | 4050118897098 | | |
| Qty. | 1 ST | | |

Crosshead screwdriver, Phillips



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | SDIK SLIM PH1 X 80 | Version | |
| Order No. | 2749650000 | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1 | |
| GTIN (EAN) | 4050118896398 | | |
| Qty. | 1 ST | | |

Crosshead screwdriver Phillips



Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | SDK PH1 X 80 | Version | |
| Order No. | 2749410000 | Screwdriver, Blade width (B): 4.5 mm, 80 mm, Blade thickness (A): 1 | |
| GTIN (EAN) | 4050118895636 | | |
| Qty. | 1 ST | | |

DRIKIT 48VDC 1CO LD

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

ESG 6/15



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 6/15 MM WS | Version | |
| Order No. | 2619940000 | ESG, Device markers, 6 x 15 mm, white | |
| GTIN (EAN) | 4050118626148 | | |
| Qty. | 3000 ST | | |