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DRIKIT 230VAC 2CO LD/PB

Product image

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 2 CO contacts
- Optional with mechanical status indicator
- 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: 2, CO contact AgSnO, Rated control voltage: 230 V AC, Continuous current: 5 A, Screw connection, Test button available: Yes
Order No.	2476940000
Type	DRIKIT 230VAC 2CO LD/PB
GTIN (EAN)	4050118497168
Qty.	10 ST

Creation date 04.07.2025 08:04:02 MEZ

DRIKIT 230VAC 2CO LD/PB

Technical data

Approvals

Approvals	CE UKCA
ROHS	Conform

Dimensions and weights

Depth	68 mm	Depth (inches)	2.6772 inch
Height	80.2 mm	Height (inches)	3.1575 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	64 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption		
RoHS Exemption (if applicable/known)	7cl		
REACH SVHC	No SVHC above 0.1 wt%		

Control side

Rated control voltage	230 V AC	Rated current AC	4,9 mA
Power rating	1.1 VA	Coil resistance	23500 Ω ± 10 %
Status indicator	red LED		

Load side

Rated switching voltage	250 V AC	Continuous current	5 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.	1250 VA
DC switching capacity (resistive), max.	150 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Contact type	2 CO contact (AgSnO)
Mechanical service life	10 x 106 switching cycles	Min. switching power	10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Rail	TS 35		
Test button available	Yes		
Version of test button	Lockable test button, Momentary test button		
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	

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UL94 flammability rating	V-2		
Component	Relay baseplate		
UL94 flammability rating	V-0		
Component	Relay test button		
UL94 flammability rating	HB		

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 neighbouring contacts	1.5 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	DRI424730LT	Relevant base	SDI 2CO
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 mm²	Clamping range, min.	0.25 mm²
Clamping range, max.	4 mm²	Wire cross-section, solid, min.	0.25 mm²
Wire cross-section, solid, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.25 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm²	Blade size	size PH1

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

DRIKIT 230VAC 2CO LD/PB

Drawings

Wiring diagram

Graph

DC load breaking capacity
Resistive Load
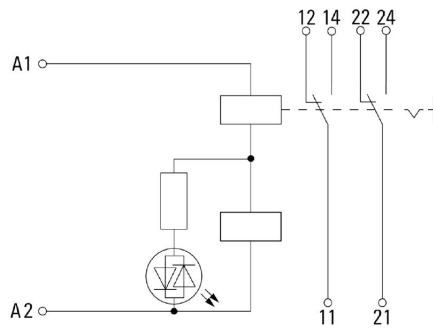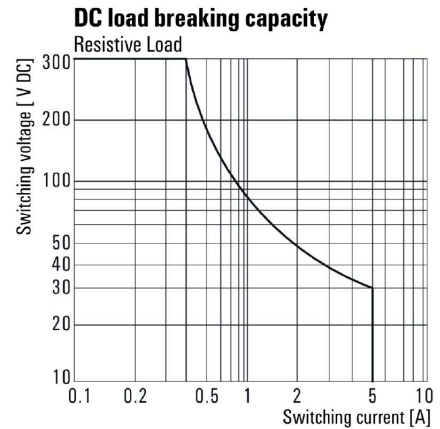
DC load limit curve Resistive load

Graph

Electrical endurance

30 V DC inductive load (L/R = 7 ms)

250 V AC / 30 V DC resistive load

250 V AC inductive load (cos φ = 0,4)
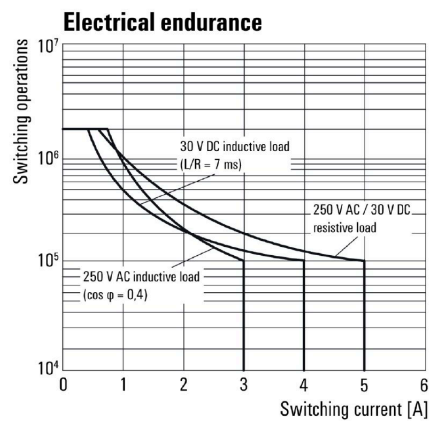
Electrical service life

Graph

Operating voltage range [AC]
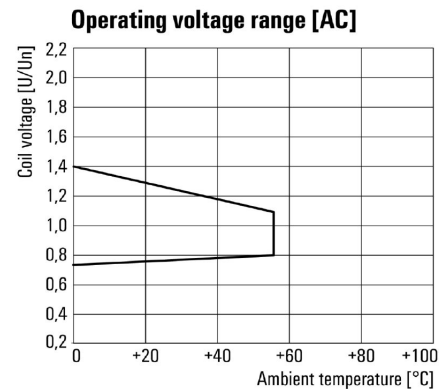
AC operational voltage range

Dimensional drawing
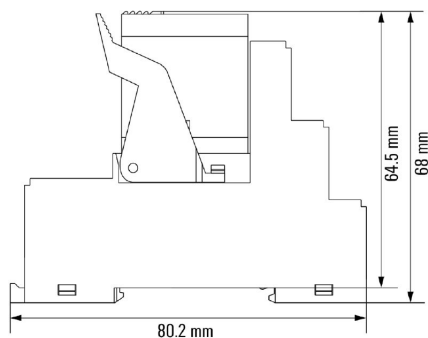
64.5 mm

68 mm

80.2 mm

DRIKIT 230VAC 2CO LD/PB

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Drawings

Miscellaneous
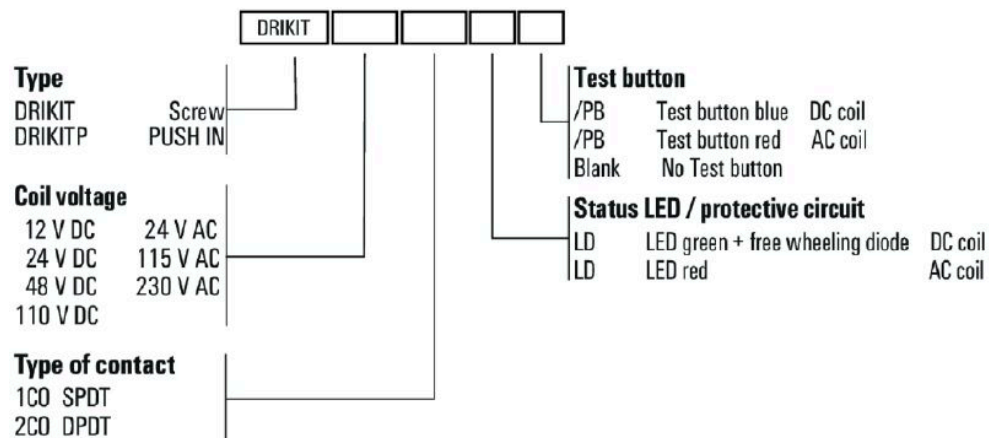
Type codes

Type
DRIKIT — Screw
DRIKITP — PUSH IN

Coil voltage
12 V DC   24 V AC
24 V DC   115 V AC
48 V DC   230 V AC
110 V DC

Type of contact
1CO SPDT
2CO DPDT

Test button
/PB   Test button blue   DC coil
/PB   Test button red   AC coil
Blank   No Test button

Status LED / protective circuit
LD   LED green + free wheeling diode   DC coil
LD   LED red   AC coil

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Accessories

LED

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.
• With green LED

General ordering data

Type	RIM 3 110/230VUC	Version
Order No.	7940018455	D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-
GTIN (EAN)	4032248878185	in connection
Qty.	10 ST	

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 3 110/230VAC	Version
Order No.	7760056014	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878109	connection
Qty.	10 ST	
Type	RIM 3 110/230VAC LED	Version
Order No.	7760056045	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878147	connection
Qty.	10 ST	

Cross-connection for socket with screw connection

Cross-connection for the socktes in the RIDERSERIES RCI.

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Accessories

General ordering data

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

Retaining clips
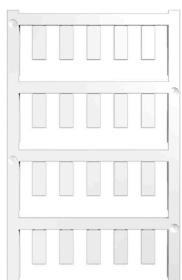

Retaining clip for D-SERIES DRI relays
• Metal and plastic retaining clip

General ordering data

Type	SDI CLIP P	Version	
Order No.	7760056389	D-SERIES DRI, Retaining clip	
GTIN (EAN)	6944169787539		
Qty.	10 ST		
Type	SDI CLIP HM	Version	
Order No.	7760056390	D-SERIES DRI, Retaining clip	
GTIN (EAN)	6944169787898		
Qty.	10 ST		

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		

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Accessories

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
GTIN (EAN)	4050118569025	specification, pluggable
Qty.	40 ST	

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.

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Accessories

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): 1 mm, 80 mm, Blade thickness (A):	
GTIN (EAN)	4050118895636		
Qty.	1 ST		

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		