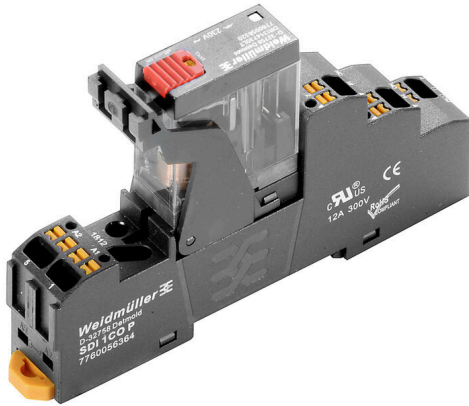


DRIKITP230VAC 1CO LD/PB

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: 230 V AC, Continuous current: 10 A, PUSH IN, Test button available: Yes
Order No.	2576160000
Type	DRIKITP230VAC 1CO LD/PB
GTIN (EAN)	4050118585926
Qty.	10 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	63 mm	Depth (inches)	2.4803 inch
Height	102.1 mm	Height (inches)	4.0197 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	56.07 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	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	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	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	Pusher
	UL94 flammability rating	HB
	Component	Mounting foot
	UL94 flammability rating	HB
Component	Retaining clip	
	UL94 flammability rating	HB

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Technical data

Component	Relay cover
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	300 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	5 kVeff / 1min
Dielectric strength of open contact	1 kVeff / 1 min	Impulse withstand voltage	5 kV (1.2/50 µs)
Protection degree	IP20	Impulse withstand voltage at neighbouring contacts	4.8 kV (1.2/50 µs)

Further details of approvals / standards

Relevant relay	DRI314730LT	Relevant base	SDI 1CO P
Certificate no. (cURus) relay	E312083	Certificate no. (cURus) base	E312083

Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.14 mm ²
Clamping range, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Blade size	0.4 x 2.5 mm

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		

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Drawings

Wiring diagram



Graph



DC load limit curve Resistive load

Graph



Electrical service life

Graph



AC operational voltage range

Dimensional drawing



Relay in combination with base

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Drawings

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Miscellaneous



Type codes

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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.

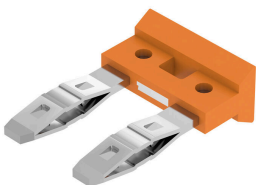
- With free-wheeling diode or RC filter

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		

Cross-connection for socket with PUSH IN connection

Cross-connection for the sockets in the D-SERIES DRI.



General ordering data

Type	SCM/SDI P CC	Version	
Order No.	7760056366	D-SERIES, Cross-connector	
GTIN (EAN)	6944169773327		
Qty.	10 ST		

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Accessories

Retaining clips



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

General ordering data

Type	SDI CLIP HM	Version
Order No.	7760056390	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944 169787898	
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)	4050 118569056	
Qty.	200 ST	

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Accessories

Custom printing



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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	

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 0.4X2.5X75	Version
Order No.	2749790000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4050118896534	
Qty.	1 ST	
Type	SDS 0.4X2.5X75	Version
Order No.	2749320000	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4050118895544	
Qty.	1 ST	

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Accessories

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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		