

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 pc(s).
Relevant relay	7760056320
Relevant base	7760056364

Creation date July 23, 2021 3:18:32 PM CEST

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Technical data**Dimensions and weights**

Depth	63 mm	Depth (inches)	2.48 °C
Height	102.1 mm	Height (inches)	4.02 °C
Width	15.9 mm	Width (inches)	0.626 °C
Net weight	56.07 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Rated control voltage	230 V AC	Rated current AC	4,9 mA
Power rating	1.1 VA	Pull-in/drop-out voltage, typ.	184 V / 69 V AC
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, DC	250 V
Min. switching power	10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 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		

General data

Rail	TS 35	
Test button available	Yes	
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
	Component	Relay cover
	UL94 flammability rating	V-2
	Component	Relay baseplate
	UL94 flammability rating	V-0
	Component	Relay test button
	UL94 flammability rating	HB

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Technical data**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 kV _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	5 kV (1.2/50 μs)
Impulse withstand voltage at neighbouring contacts	4.8 kV (1.2/50 μs)	Protection degree	IP20

Further details of approvals / standards

Standards	IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011	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 Nm	Clamping range, min.	0.14 Nm
Clamping range, max.	1.5 Nm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 Nm
Wire cross-section, solid, max.	1.5 Nm	Wire connection cross section, finely stranded, min.	0.14 Nm
Wire connection cross section, finely stranded, max.	1.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 Nm	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 Nm
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 Nm	Blade size	0.4 x 2.5 mm

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	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		

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
Product Change Notification	20210401 Product Change Notification D-SERIES DRI KITs - status indicator
Catalogues	Catalogues in PDF-format

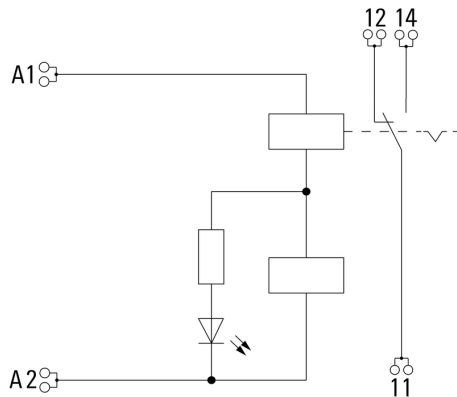
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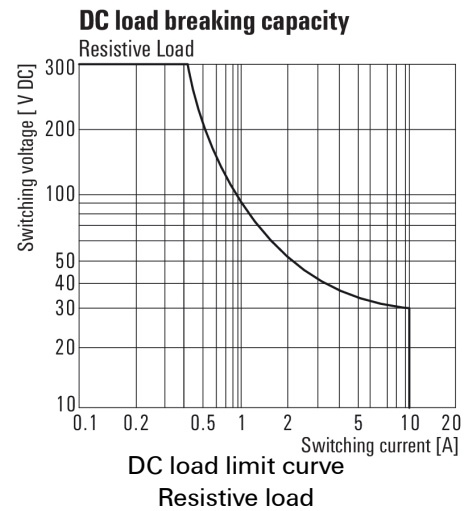
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Drawings

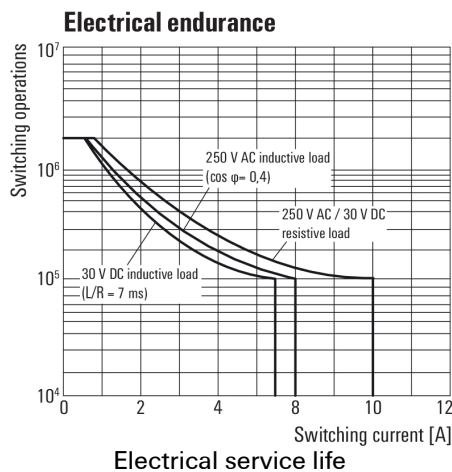
Wiring diagram



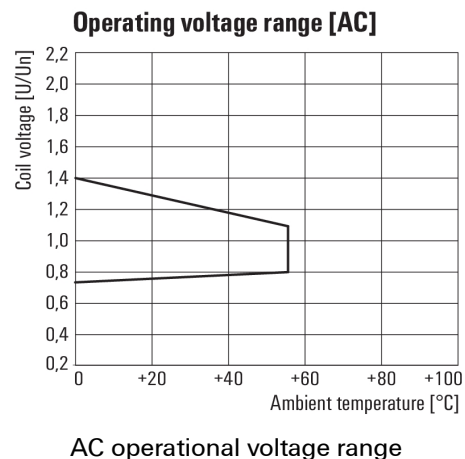
Graph



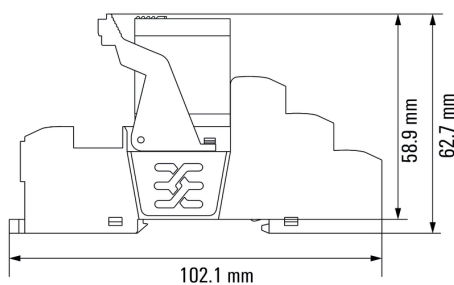
Graph



Graph



Dimensional drawing



Relay in combination with base

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Drawings

DRIKIT						
Type						
DRIKIT	Screw					Test button
DRIKITP	PUSH IN					/PB Test button blue DC coil
						/PB Test button red AC coil
						Blank No Test button
Coil voltage						Status LED / protective circuit
12 V DC	24 V AC					LD LED green + free wheeling diode DC coil
24 V DC	115 V AC					LD LED red AC coil
48 V DC	230 V AC					
110 V DC						
Type of contact						
1CO SPDT						
2CO DPDT						

Catalogue status 23.07.2021 / We reserve the right to make technical changes.