

DRIKITP 24VAC 2CO 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
- 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: 24 V AC, Continuous current: 5 A, PUSH IN, Test button: yes (lockable)
Order No.	2576230000
Type	DRIKITP 24VAC 2CO LD/PB
GTIN (EAN)	4050118585995
Qty.	10 pc(s).
Relevant base	7760056365
Relevant relay	7760056343

Creation date April 16, 2021 3:10:51 AM CEST

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Technical data**Dimensions and weights**

Depth	63 mm	Depth (inches)	2.48 inch
Height	102.1 mm	Height (inches)	4.02 inch
Net weight	60.156 g	Width	15.9 mm
Width (inches)	0.626 inch		

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

Coil resistance	240 $\Omega \pm 10\%$	Power rating	1.2 VA
Pull-in/drop-out voltage, typ.	19.2 V / 7.2 V AC	Rated control voltage	24 V AC
Rated current AC	50 mA	Status indicator	red LED

Load side

AC switching capacity (resistive), max.	1250 VA	Continuous current	5 A
DC switching capacity (resistive), max.	150 W @ 24 V	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
Rated switching voltage	250 V AC	Switch-off delay	≤ 10 ms
Switch-on delay	≤ 15 ms		

Contact data

Contact type	2 CO contact (AgSnO)	Mechanical service life	10 x 10 ⁶ switching cycles
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General data

Rail	TS 35		
Test button	yes (lockable)		
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**

Clearance and creepage distances for control side - load side	$\geq 3 \text{ mm}$	Dielectric strength for control side - load side	$5 \text{ kV}_{\text{eff}} / 1 \text{ min}$
Dielectric strength of neighbouring contacts	$1.5 \text{ kV}_{\text{eff}} / 1 \text{ min.}$	Dielectric strength of open contact	$1 \text{ kV}_{\text{eff}} / 1 \text{ min}$
Impulse withstand voltage	$5 \text{ kV} (1.2/50 \mu\text{s})$	Impulse withstand voltage at neighbouring contacts	$4.8 \text{ kV} (1.2/50 \mu\text{s})$
Insulating material group	IIIb	Pollution severity	2
Protection degree	IP20	Rated voltage	250 V
Surge voltage category	III		

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 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	$0.4 \times 2.5 \text{ mm}$

Classifications

ETIM 6.0	EC001437	ETIM 7.0	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](#)

Brochure/Catalogue

[Catalogues in PDF-format](#)

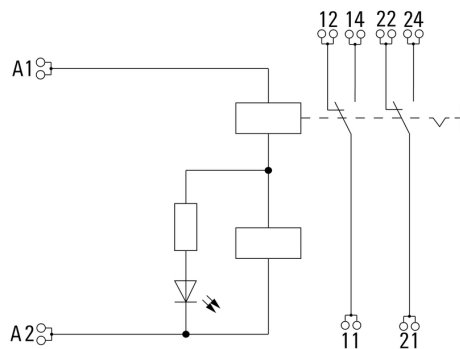
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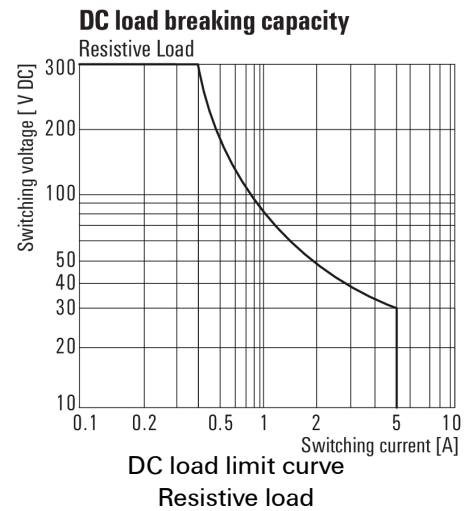
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Drawings

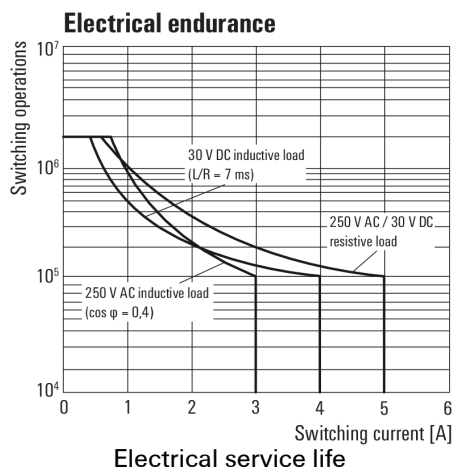
Wiring diagram



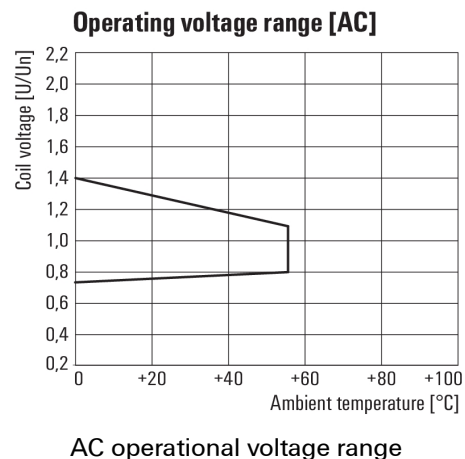
Graph



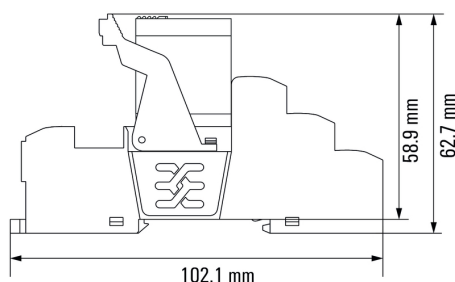
Graph



Graph



Dimensional drawing



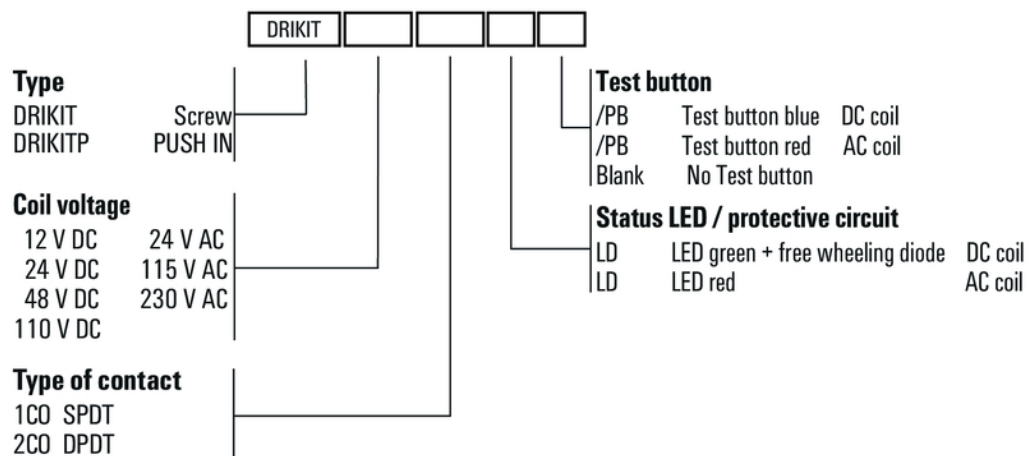
Relay in combination with base

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Drawings
Miscellaneous


Type codes