

DRI314524LT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Similar to illustration

Individual relays within the D-SERIES DRI

- 1 CO contact
- AC coils
- With integrated status LED and test button

General ordering data

Version	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
Order No.	7760056318
Type	DRI314524LT
GTIN (EAN)	6944 169740237
Qty.	20 Stück

Erstellungs-Datum June 1, 2023 11:12:05 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Depth	33.5 mm	Depth (inches)	1.319 inch
Height	31 mm	Height (inches)	1.22 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	23 g		

Temperatures

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

Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	24 V AC	Rated current AC	50 mA
Power rating	1.2 VA	Pull-in/drop-out voltage, typ.	19.2 V / 7.2 V AC
Coil resistance	240 Ω ± 10 %	Coil tolerance	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
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

Test button available	Yes	
Version of test button	Lockable test button, Momentary test button	
Mechanical switch position indicator	No	
Colour	Transparent	
UL94 flammability rating component	Component	Relay cover
	UL94 flammability rating	V-2
	Component	Relay baseplate
	UL94 flammability rating	V-0
UL94 flammability rating component	Component	Relay test button
	UL94 flammability rating	HB

Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 4 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)
Protection degree	IP20		

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Technische Daten

Further details of approvals / standards

Certificate No. (cURus) E312083

Connection data

Wire connection method Flat blade connections
 (4.7 mm x 0.5 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	ECLASS 12.0	27-37-16-01

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Approvals

Approvals



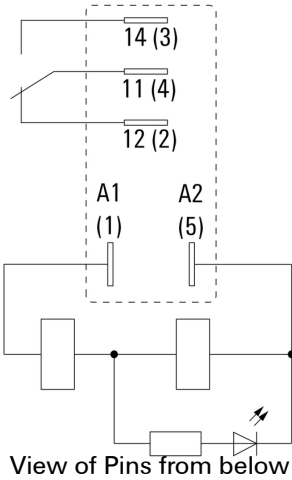
ROHS Conform
 UL File Number Search UL Website
 Certificate No. (cURus) E312083

Downloads

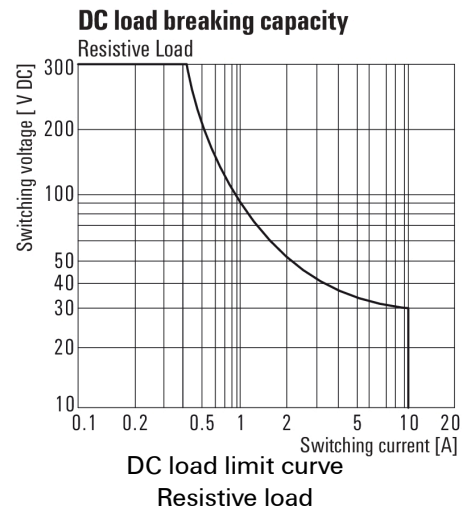
Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
Product Change Notification	20210401 Product change Notification D-SERIES DRI relays - status indicator
Catalogues	Catalogues in PDF-format

Zeichnungen

Wiring diagram



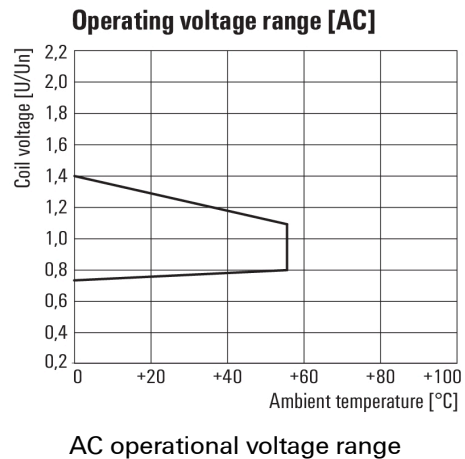
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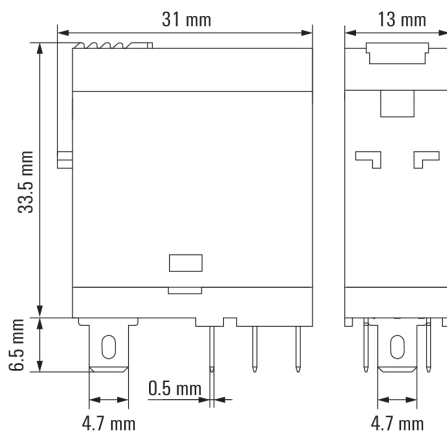
Graph



Graph

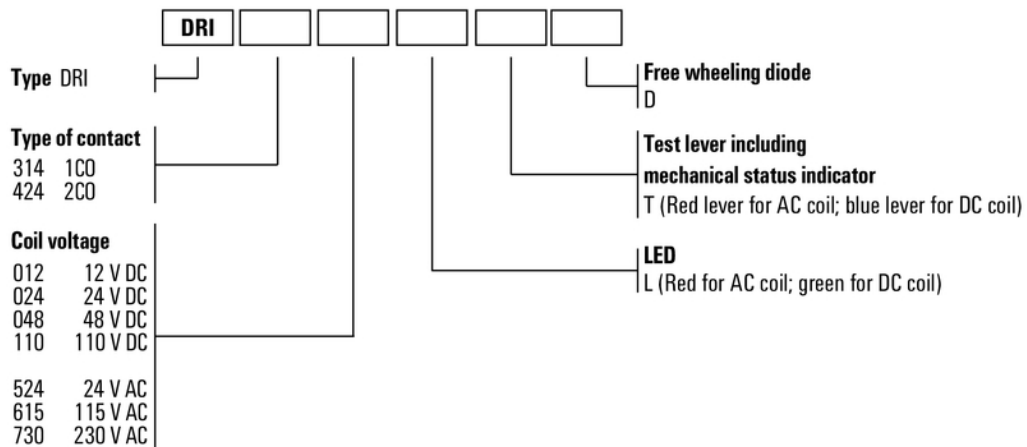


Dimensional drawing



Zeichnungen

Miscellaneous



Type codes