

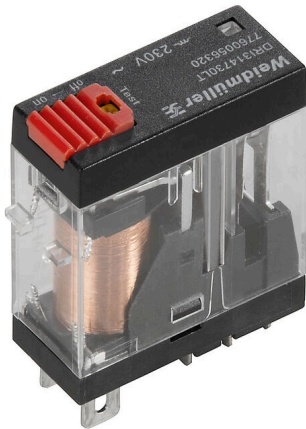
**DRI314524LT****Weidmüller Interface GmbH & Co. KG**

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.	<a href="#">7760056318</a>
Type	DRI314524LT
GTIN (EAN)	6944169740237
Qty.	20 items

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E312083

## Dimensions and weights

Depth	33.5 mm	Depth (inches)	1.3189 inch
Height	31 mm	Height (inches)	1.2205 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	23 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%

## 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	Coil resistance	240 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 <sup>6</sup> 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	

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## Technical data

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 kVeff / 1 min
Dielectric strength of open contact	1 kVeff / 1 min	Impulse withstand voltage	5 kV (1.2/50 µs)
Protection degree	IP20		

### Further details of approvals / standards

Certificate No. (cURus)	E312083
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### Connection data

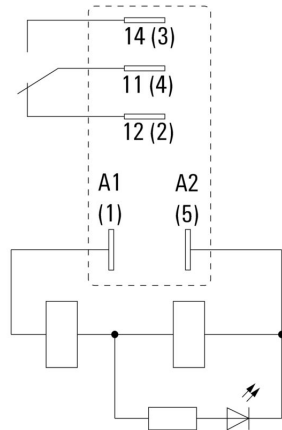
Wire connection method	Flat blade connections (4.7 mm x 0.5 mm)
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### Classifications

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		

Drawings

Wiring diagram



View of Pins from below

Graph



DC load limit curve Resistive load

Graph



Electrical service life

Graph



AC operational voltage range

Dimensional drawing



Miscellaneous



Type codes