

**DRI314012LTD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

Individual relays within the D-SERIES DRI

- 1 CO contact
- DC coils
- With integrated status LED, free-wheeling diode and test button

**General ordering data**

Version	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 12 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
Order No.	<a href="#">7760056314</a>
Type	DRI314012LTD
GTIN (EAN)	6944169740190
Qty.	20 pc(s).

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**Technical data****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	22.85 g		

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...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	12 V DC	Rated current DC	44,4 mA
Power rating	530 mW	Coil resistance	270 Ω ± 10 %
Coil tolerance	10 %	Status indicator	Green LED
Protective circuit	Free-wheeling diode		

**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
	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 <sub>eff</sub> / 1 min
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	5 kV (1.2/50 μs)
Protection degree	IP20		

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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 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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	ECLASS 13.0	27-37-16-01

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20210401 Product change Notification D-SERIES DRI relays - status indicator</a>
User Documentation	<a href="#">FL_D-SERIES_DRI1CO_LOAD_GUIDE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

## DRI314012LTD

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Klingenbergstraße 26

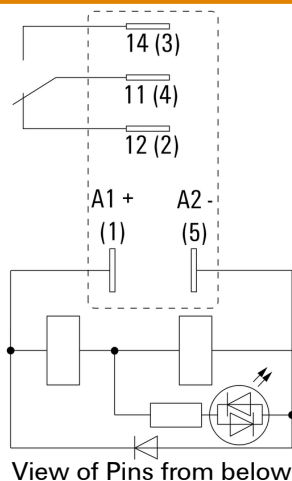
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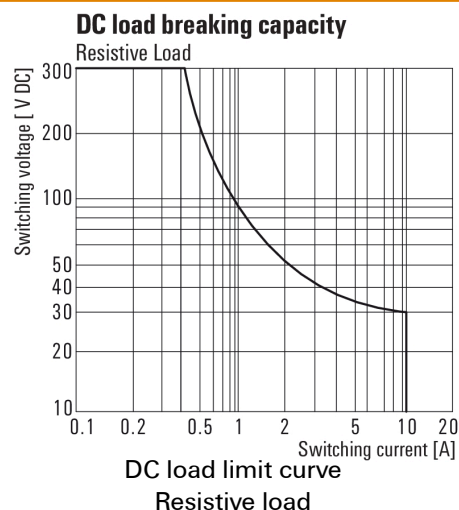
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## Drawings

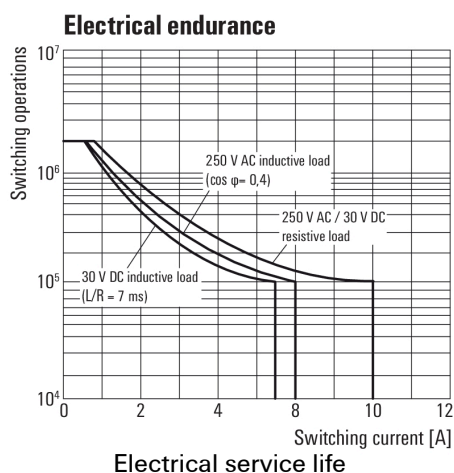
## Wiring diagram



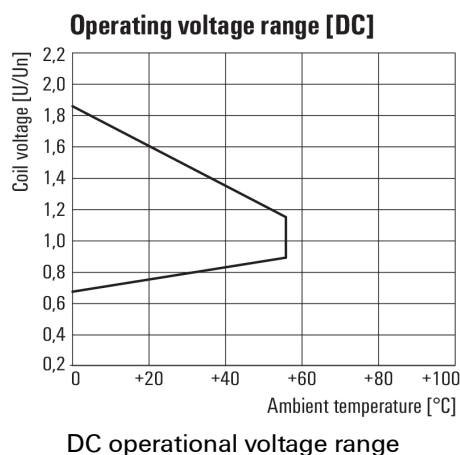
## Graph



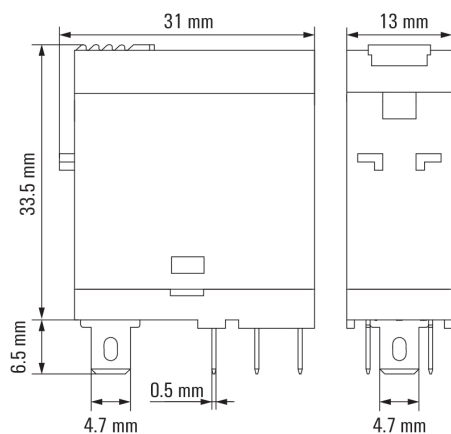
## Graph



## Graph



## Dimensional drawing



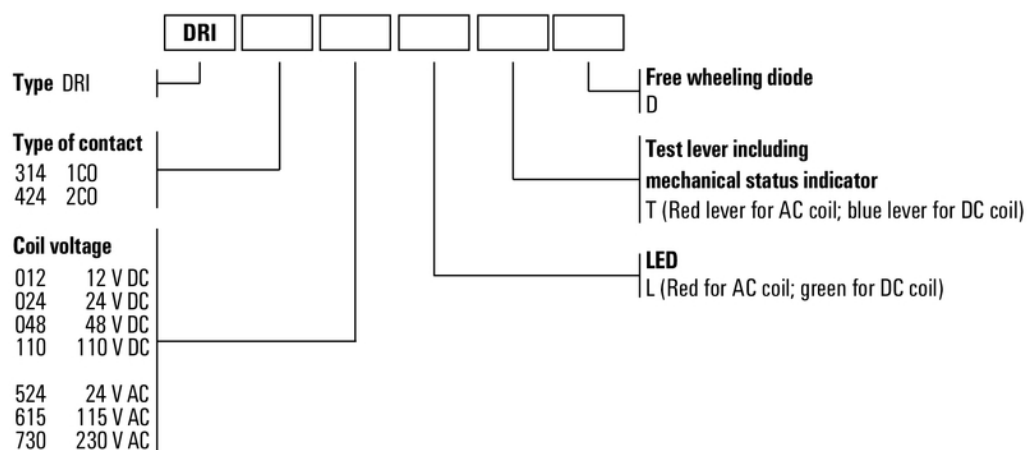
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# Drawings

## Miscellaneous



Type codes