

**DRI424012****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

- 2 CO contact
- Optional AC or DC coils

**General ordering data**

Version	D-SERIES DRI, Relay, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 12 V DC, Continuous current: 5 A, Flat blade connections (2.5 mm x 0.5 mm), Test button available: No
Order No.	<a href="#">7760056321</a>
Type	DRI424012
GTIN (EAN)	6944169740268
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Depth	28 mm	Depth (inches)	1.102 inch
Height	31 mm	Height (inches)	1.22 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	10.55 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	No

**Load side**

Rated switching voltage	250 V AC	Continuous current	5 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.	1250 VA
DC switching capacity (resistive), max.	150 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Contact type	2 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	No	
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

**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 neighbouring contacts	1.5 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

**Further details of approvals / standards**

Certificate No. (cURus)	E312083
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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Connection data**

Wire connection method	Flat blade connections (2.5 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

**Environmental Product Compliance**

REACH SVHC	/
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**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>
User Documentation	<a href="#">FL_D-SERIES_DRI2CO_LOAD_GUIDE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

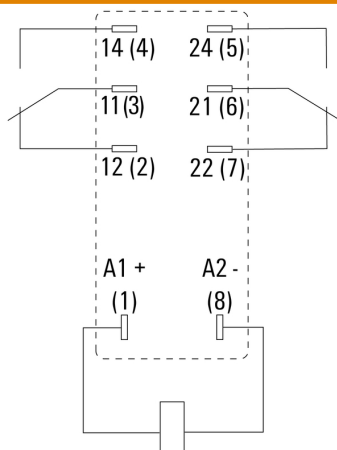
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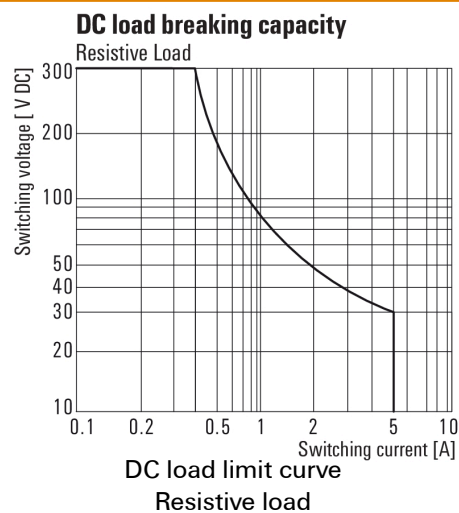
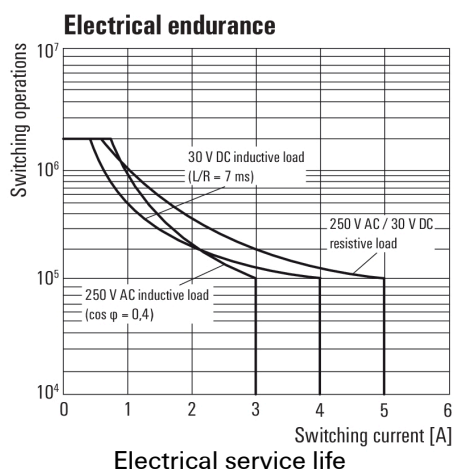
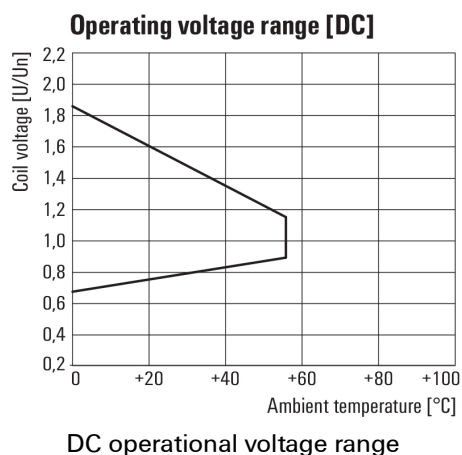
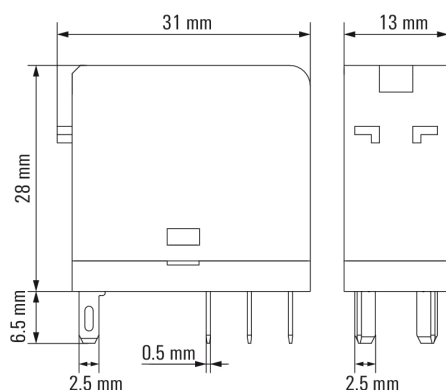
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**Drawings****Wiring diagram**

View of Pins from below

**Graph****Graph****Graph****Dimensional drawing**

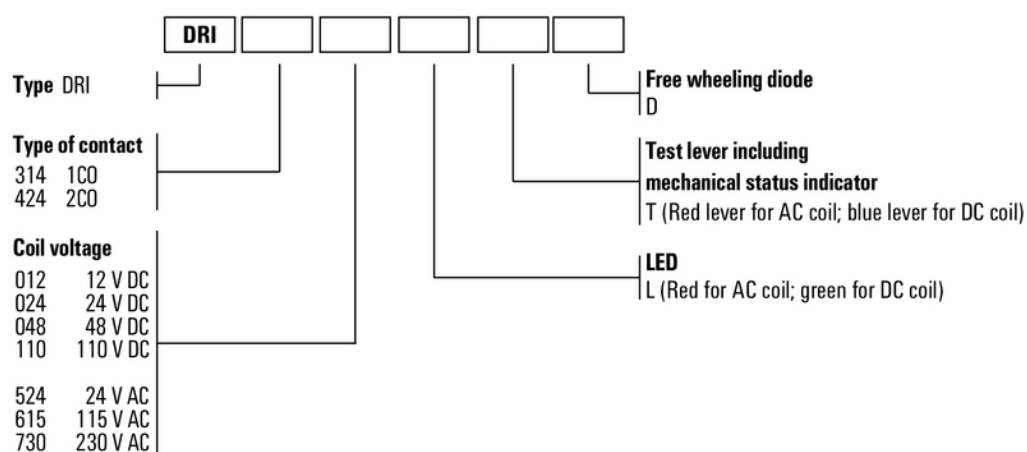
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## Drawings

## Miscellaneous



Type codes