

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)	6944169740237
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	23 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	24 V AC	Rated current AC	50 mA
Power rating	1.2 VA	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, 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 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
	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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www.weidmueller.com**Technical data****Further details of approvals / standards**

Certificate No. (cURus) E312083

Connection dataWire 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	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
ECLASS 14.0	27-37-16-01		

Environmental Product ComplianceREACH SVHC /
RoHS Compliance Status Compliant without exemption**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](#)

Product Change Notification [20210401 Product change Notification D-SERIES DRI relays - status indicator](#)

User Documentation [FL D-SERIES DRI1CO LOAD GUIDE](#)

Catalogues [Catalogues in PDF-format](#)

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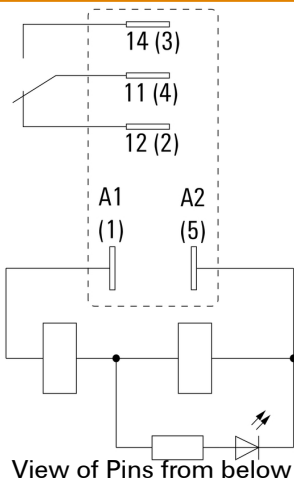
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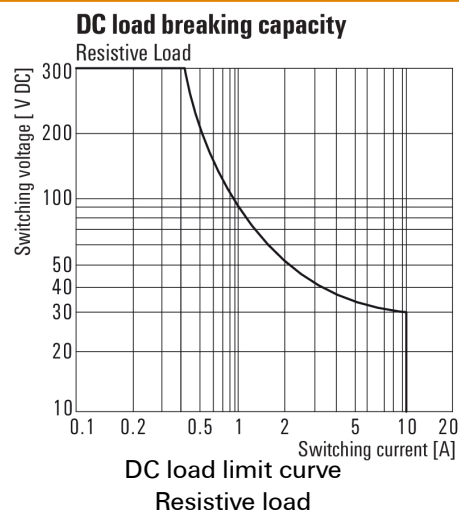
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Drawings

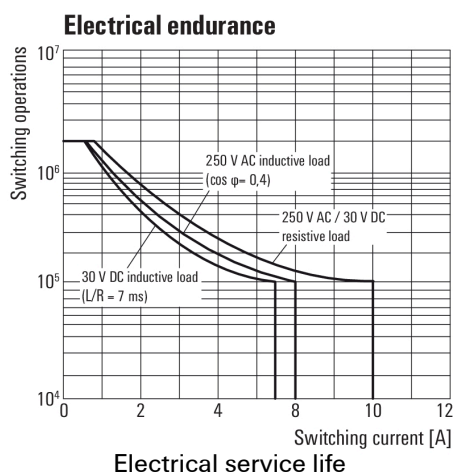
Wiring diagram



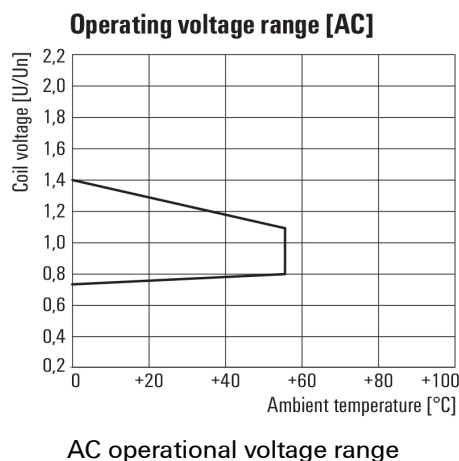
Graph



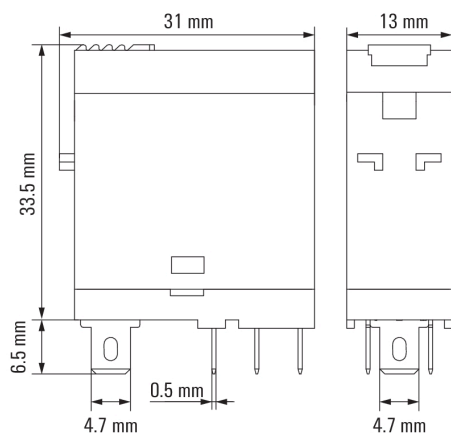
Graph



Graph



Dimensional drawing



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Accessories

LED



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

General ordering data

Type	RIM 3 6/24VUC	Version
Order No.	7940018457	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4032248878192	
Qty.	10 pc(s).	
Type	RIM 3 24/60VUC	Version
Order No.	7760056018	D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection
GTIN (EAN)	4032248878130	
Qty.	10 pc(s).	

Retaining clips



Retaining clip for D-SERIES DRI relays

- Metal and plastic retaining clip

General ordering data

Type	SDI CLIP P	Version
Order No.	7760056389	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787539	
Qty.	10 pc(s).	
Type	SDI CLIP	Version
Order No.	7760056352	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169739996	
Qty.	10 pc(s).	
Type	SDI CLIP HM	Version
Order No.	7760056390	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787898	
Qty.	10 pc(s).	

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Accessories

ESG 6/15

**Guaranteed long service life: ESG**

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

Your benefits with MultiMark

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

General ordering data

Type	ESG 6/15 MM WS	Version
Order No.	2619940000	ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148	
Qty.	3,000 pc(s).	

Custom printing

ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 6/15 SDI MC SDR	Version
Order No.	2558310000	ESG, Device markers x 15 mm, PA 66, Colour: To customer specification
GTIN (EAN)	4050118569025	
Qty.	40 pc(s).	

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www.weidmueller.com**Accessories****Sockets**

Relay sockets for the D-SERIES DRI relays

- 1 and 2 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

Type	SDI 1CO	Version
Order No.	7760056350	D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact,
GTIN (EAN)	6944169739972	Continuous current: 12 A, Screw connection
Qty.	10 pc(s).	
Type	SDI 1CO ECO	Version
Order No.	7760056346	D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact,
GTIN (EAN)	6944169739934	Continuous current: 12 A, Screw connection
Qty.	10 pc(s).	
Type	SDI 1CO F ECO	Version
Order No.	7760056348	D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact,
GTIN (EAN)	6944169739958	Continuous current: 12 A, Screw connection
Qty.	10 pc(s).	
Type	SDI 1CO P	Version
Order No.	7760056364	D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact,
GTIN (EAN)	6944169772283	Continuous current: 12 A, PUSH IN
Qty.	20 pc(s).	

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www.weidmueller.com**Accessories****Blank**

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- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 6/15 SDI MC NE WS	Version
Order No.	2558340000	ESG, Device markers x 15 mm, PA 66, Colour: white
GTIN (EAN)	4050118569056	
Qty.	200 pc(s).	

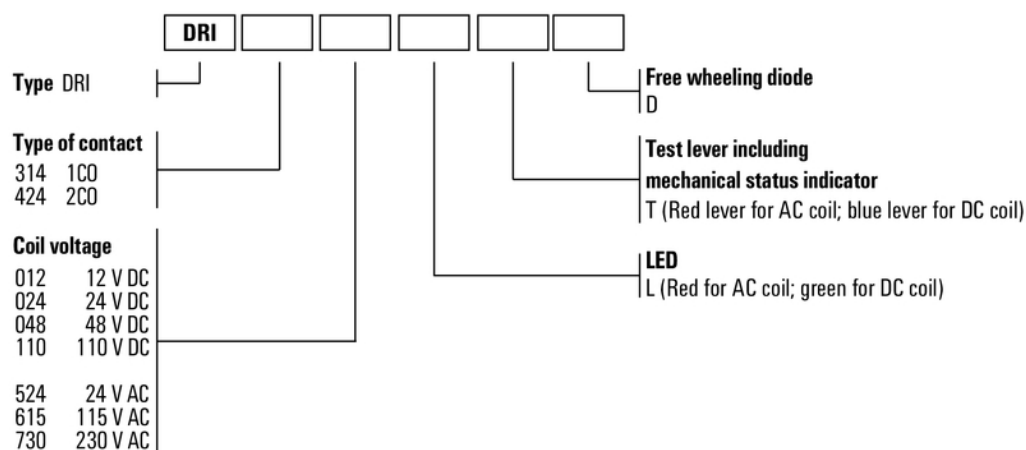
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Drawings

Miscellaneous



Type codes