

SDI 1CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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

Version	D-SERIES DRI, Relay socket, Number of contacts: 1, CO contact, Continuous current: 12 A, Screw connection
Order No.	7760056350
Type	SDI 1CO
GTIN (EAN)	6944169739972
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	80.2 mm	Height (inches)	3.157 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	35.6 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	35...85 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E355547
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Load side

Rated switching voltage	250 V AC	Continuous current	12 A
Max. switching voltage, AC	250 V	Contact type	1 CO contact

General data

Rail	TS 35		
Colour	black		
UL94 flammability rating component	Component	Housing	
	UL94 flammability rating	V-2	
	Component	Mounting foot	
	UL94 flammability rating	HB	
	Component	Retaining clip	
	UL94 flammability rating	HB	

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIb
Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Certificate No. (cURus)	E355547
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Technical data

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.25 mm ²
Clamping range, max.	4 mm ²	Wire cross-section, solid, min.	0.25 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.25 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm ²	Blade size	size PH1

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	EC001456
ETIM 10.0	EC001456	ECLASS 9.0	27-37-16-03
ECLASS 9.1	27-37-16-03	ECLASS 10.0	27-37-16-03
ECLASS 11.0	27-37-16-03	ECLASS 12.0	27-37-16-03
ECLASS 13.0	27-37-16-03	ECLASS 14.0	27-37-16-03
ECLASS 15.0	27-37-16-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E355547

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	20241211 Product change Notification D-SERIES DRI sockets - shape
Catalogues	Catalogues in PDF-format

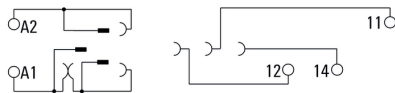
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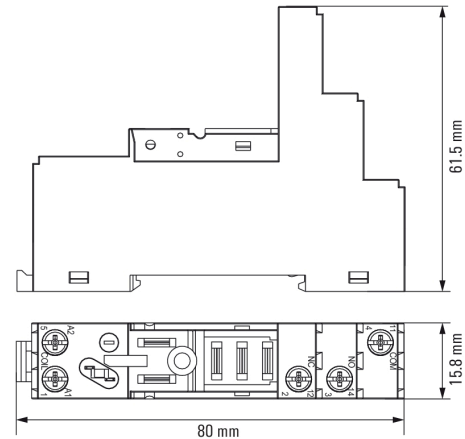
www.weidmueller.com

Drawings

Wiring diagram



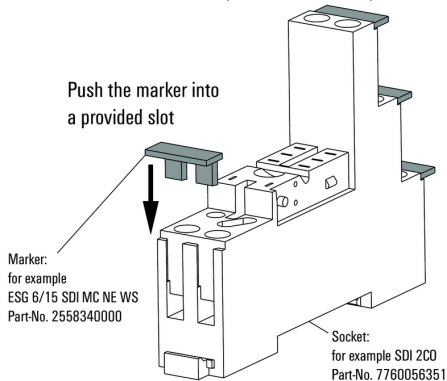
Dimensional drawing



Example of use

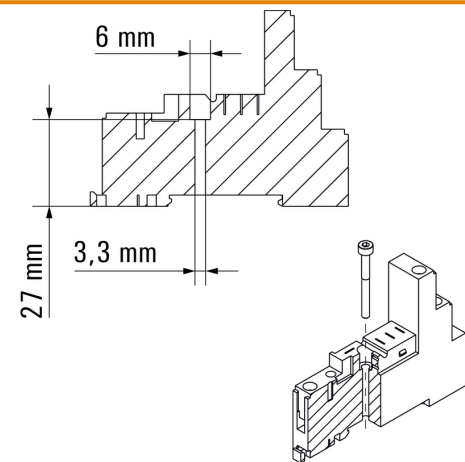
How to install marker

on screw connection sockets (four slots available)



How to install marker
on screw connection sockets (four slots available)

Dimensional drawing



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Mating connector (fully pluggable)

With LED and test button



Individual relays within the D-SERIES DRI

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

General ordering data

Type	DRI314615LT	Version
Order No.	7760056319	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
GTIN (EAN)	6944169740244	
Qty.	20 pc(s).	
Type	DRI314524LT	Version
Order No.	7760056318	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
GTIN (EAN)	6944169740237	
Qty.	20 pc(s).	
Type	DRI314730LT	Version
Order No.	7760056320	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 230 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
GTIN (EAN)	6944169740251	
Qty.	20 pc(s).	

With LED



Individual relays within the D-SERIES DRI

- 1 CO contact
- AC coils
- With integrated status LED

General ordering data

Type	DRI314615L	Version
Order No.	7760056308	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740138	
Qty.	20 pc(s).	
Type	DRI314012L	Version
Order No.	7760056303	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: No
GTIN (EAN)	6944169740084	
Qty.	20 pc(s).	
Type	DRI314024L	Version
Order No.	7760056304	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740091	
Qty.	20 pc(s).	

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Mating connector (fully pluggable)

Type	DRI314048L	Version
Order No.	7760056305	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740107	
Qty.	20 pc(s).	
Type	DRI314110L	Version
Order No.	7760056306	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740114	
Qty.	20 pc(s).	
Type	DRI314524L	Version
Order No.	7760056307	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: No
GTIN (EAN)	6944169740121	
Qty.	20 pc(s).	
Type	DRI314730L	Version
Order No.	7760056309	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 230 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740145	
Qty.	20 pc(s).	

With LED and free-wheel diode



dividual relays within the D-SERIES DRI

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

General ordering data

Type	DRI314048LD	Version
Order No.	7760056312	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740176	
Qty.	20 pc(s).	
Type	DRI314024LD	Version
Order No.	7760056311	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740169	
Qty.	20 pc(s).	
Type	DRI314012LD	Version
Order No.	7760056310	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: No
GTIN (EAN)	6944169740152	
Qty.	20 pc(s).	
Type	DRI314110LD	Version
Order No.	7760056313	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740183	
Qty.	20 pc(s).	

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Mating connector (fully pluggable)

With LED, free-wheel diode and test button



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

Type	DRI314110LTD	Version
Order No.	7760056317	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
GTIN (EAN)	6944169740220	
Qty.	20 pc(s).	
Type	DRI314048LTD	Version
Order No.	7760056316	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
GTIN (EAN)	6944169740213	
Qty.	20 pc(s).	
Type	DRI314024LTD	Version
Order No.	7760056315	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: Yes
GTIN (EAN)	6944169740206	
Qty.	20 pc(s).	
Type	DRI314012LTD	Version
Order No.	7760056314	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
GTIN (EAN)	6944169740190	
Qty.	20 pc(s).	

Standard relay



Individual relays within the D-SERIES DRI

- 1 CO contact
- Optional AC or DC coils

General ordering data

Type	DRI314012	Version
Order No.	7760056296	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: No
GTIN (EAN)	6944169739774	
Qty.	20 pc(s).	
Type	DRI314730	Version
Order No.	7760056302	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 230 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740077	
Qty.	20 pc(s).	

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Mating connector (fully pluggable)

Type	DRI314524	Version
Order No.	7760056300	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: No
GTIN (EAN)	6944169740053	
Qty.	20 pc(s).	
Type	DRI314048	Version
Order No.	7760056298	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 48 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740039	
Qty.	20 pc(s).	
Type	DRI314110	Version
Order No.	7760056299	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740046	
Qty.	20 pc(s).	
Type	DRI314615	Version
Order No.	7760056301	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740060	
Qty.	20 pc(s).	
Type	DRI314024	Version
Order No.	7760056297	D-SERIES DRI, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 10 A, Flat blade connections (4.7 mm x 0.5 mm), Test button available: No
GTIN (EAN)	6944169740022	
Qty.	20 pc(s).	

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Accessories

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
GTIN (EAN)	4050118569025	specification, pluggable
Qty.	40 pc(s).	

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).	

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Accessories

Retaining clips

Retaining clip for D-SERIES DRI relays

- Metal and plastic retaining clip



General ordering data

Type	SDI CLIP LM	Version
Order No.	7760056368	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169773341	
Qty.	10 pc(s).	
Type	SDI CLIP P	Version
Order No.	7760056389	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787539	
Qty.	10 pc(s).	
Type	SDI CLIP HM	Version
Order No.	7760056390	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787898	
Qty.	10 pc(s).	
Type	SDI CLIP	Version
Order No.	7760056352	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169739996	
Qty.	10 pc(s).	

Crosshead screwdriver, Phillips



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIK SLIM PH1 X 80	Version
Order No.	2749650000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

SDI 1CO

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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 3 110/230VUC	Version
Order No.	7940018455	D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection
GTIN (EAN)	4032248878185	
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).	
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).	

Cross-connection for socket with screw connection

Cross-connection for the sockets in the D-SERIES DRI.



General ordering data

Type	SRC-I QV S	Version
Order No.	1132070000	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248912087	
Qty.	10 pc(s).	

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Accessories

LED / free-wheel diode



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

- With green LED and free-wheeling diode

General ordering data

Type	RIM 2 24/60VDC	Version
Order No.	7760056016	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878123	24...60 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM 2 6/24VDC	Version
Order No.	7760056015	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878116	6...24 V DC, Plug-in connection
Qty.	10 pc(s).	
Type	RIM 2 110/230VDC	Version
Order No.	7760056017	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248896615	110...230 V DC, Plug-in connection
Qty.	10 pc(s).	

Protection modules



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

- With free-wheeling diode or RC filter

General ordering data

Type	RIM 1 6/230VDC	Version
Order No.	7760056169	D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug-
GTIN (EAN)	4032248967728	in connection
Qty.	10 pc(s).	
Type	RIM 3 110/230VAC LED	Version
Order No.	7760056045	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878147	connection
Qty.	10 pc(s).	
Type	RIM 3 110/230VAC	Version
Order No.	7760056014	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in
GTIN (EAN)	4032248878109	connection
Qty.	10 pc(s).	

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www.weidmueller.com**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

Crosshead screwdriver Phillips

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PH1 X 80	Version
Order No.	2749410000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
Qty.	1 pc(s).	

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

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- 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, pluggable
GTIN (EAN)	4050118569056	
Qty.	200 pc(s).	