

DRM570730LT AU**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 DRM

- 4 CO contacts
- AC coils
- With integrated status LED and test button

General ordering data

Version	D-SERIES DRM, Relay, Number of contacts: 4, CO contact, AgNi gold-plated, Rated control voltage: 230 V AC, Continuous current: 5 A, Plug-in connection
Order No.	7760056190
Type	DRM570730LT AU
GTIN (EAN)	4032248922291
Qty.	20 pc(s).

Creation date August 28, 2024 6:51:44 AM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	35.7 mm	Depth (inches)	1.406 inch
Height	27.4 mm	Height (inches)	1.079 inch
Width	21 mm	Width (inches)	0.827 inch
Net weight	35 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...55 °C
Humidity	35...85 % rel. humidity, no condensation		

Control side

Rated control voltage	230 V AC	Rated current AC	6.1 mA (50 Hz), 5.2 mA (60 Hz)
Power rating	1.0...1.2VA (60HZ)	Coil resistance	15000 Ω ± 10 %
Coil tolerance	10 %	Status indicator	red LED

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
Inrush current	10 A / 50 ms	AC switching capacity (resistive), max.	1250 VA
DC switching capacity (resistive), max.	120 W @ 24 V	Switch-on delay	< 20 ms
Switch-off delay	< 20 ms	Contact type	4 CO contact (AgNi gold-plated)
Mechanical service life	20 x 10 ⁶ switching cycles	Min. switching power	1 mA @ 1 V

General data

Test button available	Yes		
Version of test button	Lockable test button, Momentary test button		
Mechanical switch position indicator	Yes		
Colour	Transparent		
UL94 flammability rating component	Component	Relay cover	
	UL94 flammability rating	V-2	
	Component	Relay baseplate	
	UL94 flammability rating	V-0	
	Component	Relay status indicator	
	UL94 flammability rating	HB	
	Component	Relay test button	
	UL94 flammability rating	HB	

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	1.8 kV _{eff} / 1 min.	Dielectric strength of neighbouring contacts	1 kV _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μs)
Protection degree	IP20		

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www.weidmueller.com**Technical data****Connection data**

Wire connection method	Plug-in connection
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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
ECLASS 14.0	27-37-16-01		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	20230124 Product consolidation D-SERIES DRM relays 20230124 Produktkonsolidierung D-SERIES DRM Relais
Catalogues	Catalogues in PDF-format

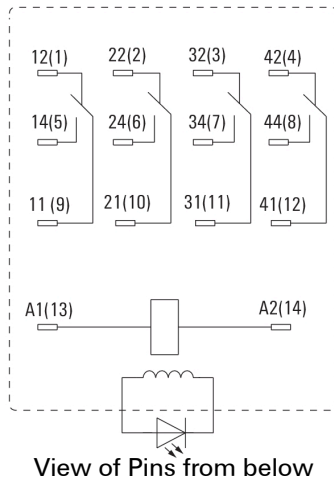
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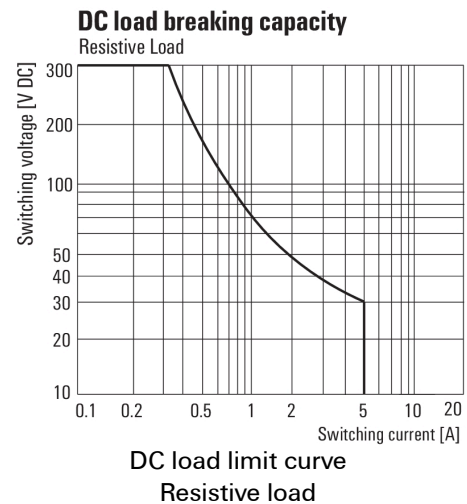
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Drawings

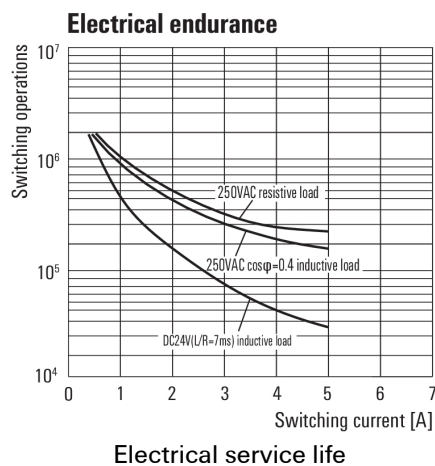
Wiring diagram



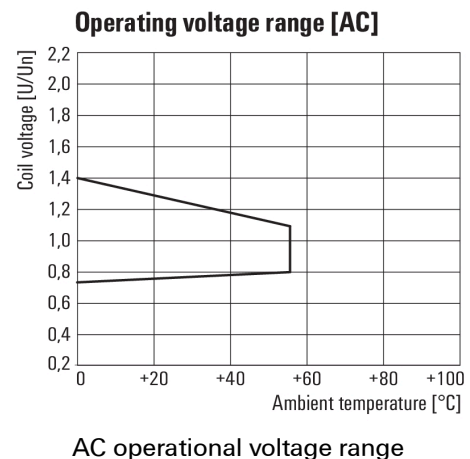
Graph



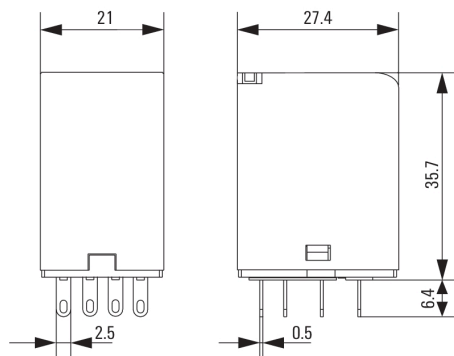
Graph



Graph



Dimensional drawing



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Accessories

Blank



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 9/26 SCM ECO MC NE ...	Version
Order No.	1520990000	ESG, Device markers x 26 mm, PA 66, Colour: yellow
GTIN (EAN)	4050118327861	
Qty.	80 pc(s).	
Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	1520980000	ESG, Device markers x 26 mm, PA 66, Colour: white
GTIN (EAN)	4050118327939	
Qty.	80 pc(s).	
Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	1521000000	ESG, Device markers x 26 mm, PA 66, Colour: grey
GTIN (EAN)	4050118327878	
Qty.	80 pc(s).	

ESG 6/17

**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 6/17 MM WS	Version
Order No.	2005100000	ESG, Device markers, 6 x 17 mm, white
GTIN (EAN)	4050118390728	
Qty.	3,000 pc(s).	

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www.weidmueller.com**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).	

Retaining clips

Retaining clip for D-SERIES DRM relays

- Metal and plastic retaining clip

General ordering data

Type	SCM CLIP P	Version
Order No.	7760056367	D-SERIES DRM, Retaining clip
GTIN (EAN)	6944169773334	
Qty.	5 pc(s).	

Type	DRM/DRL CLIP M	Version
Order No.	7760056108	D-SERIES, Retaining clip
GTIN (EAN)	4032248855568	
Qty.	10 pc(s).	

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Accessories

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 3 110/230VAC	Version
Order No.	7760056014	D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection
GTIN (EAN)	4032248878109	
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 connection
GTIN (EAN)	4032248878147	
Qty.	10 pc(s).	

Blank



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General ordering data

Type	ESG 6/17 K MC NE GE	Version
Order No.	1880110000	ESG, Device markers x 17 mm, PA 66, Colour: yellow, Self-adhesive
GTIN (EAN)	4032248478798	
Qty.	200 pc(s).	
Type	ESG 6/17 K MC NE WS	Version
Order No.	1880120000	ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478804	
Qty.	200 pc(s).	

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www.weidmueller.com**Accessories****Custom printing**

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General ordering data

Type	ESG 9/26 SCM ECO MC SDR	Version
Order No.	1525800000	ESG, Device markers x 26 mm, PA 66, Colour: To customer
GTIN (EAN)	4050118331875	specification
Qty.	80 pc(s).	

Blank

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General ordering data

Type	ESG 6/15 K MC NE GE	Version
Order No.	1880130000	ESG, Device markers x 15 mm, PA 66, Colour: yellow, Self-adhesive
GTIN (EAN)	4032248478910	
Qty.	200 pc(s).	

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Accessories

Type	ESG 6/15 K MC NE WS	Version
Order No.	1880100000	ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478781	
Qty.	200 pc(s).	

Sockets



Relay sockets for the D-SERIES DRM relays

- 2 and 4 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

Type	FS 4CO	Version
Order No.	7760056107	D-SERIES DRM, Relay socket, Number of contacts: 4, CO contact,
GTIN (EAN)	4032248855575	Continuous current: 10 A, Screw connection
Qty.	10 pc(s).	
Type	SCM 4CO P	Version
Order No.	7760056363	D-SERIES DRM, Relay socket, Number of contacts: 4, CO contact,
GTIN (EAN)	6944169772276	Continuous current: 6 A, PUSH IN
Qty.	10 pc(s).	
Type	SCM 4CO ECO	Version
Order No.	7760056264	D-SERIES DRM, Relay socket, Number of contacts: 4, CO contact,
GTIN (EAN)	6944169662973	Continuous current: 6 A, Screw connection
Qty.	10 pc(s).	

ESG 6/15



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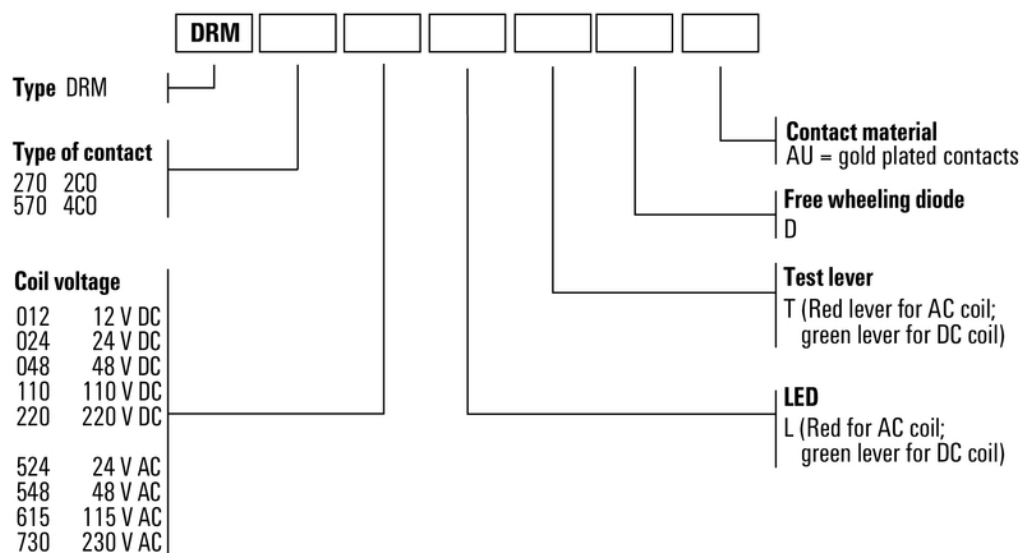
Type	ESG 6/15 MM WS	Version
Order No.	2619940000	ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148	
Qty.	3,000 pc(s).	

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Type codes