

DRM570024LD**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

dividual relays within the D-SERIES DRM

- 4 CO contacts
- DC coils
- With integrated status LED and free-wheeling diode

General ordering data

Version	D-SERIES DRM, Relay, Number of contacts: 4, CO contact, AgNi flash gold-plated, Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in connection
Order No.	7760056123
Type	DRM570024LD
GTIN (EAN)	403224885555 1
Qty.	20 pc(s).

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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	36.2 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...60 °C
Humidity	35...85 % rel. humidity, no condensation		

Control side

Rated control voltage	24 V DC	Rated current DC	37.8 mA
Power rating	0.9 W	Coil resistance	630 $\Omega \pm 10\%$
Status indicator	Green LED	Protective circuit	Free-wheeling diode

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 flash gold-plated)
Mechanical service life	20 x 10 ⁶ switching cycles	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V

General data

Test button available	No		
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	

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 μ s)
Protection degree	IP20		

Connection data

Wire connection method	Plug-in connection
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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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
ECLASS 15.0	27-37-16-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

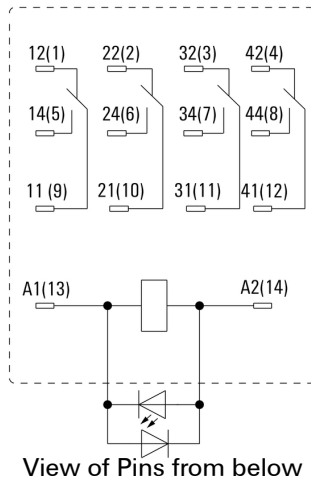
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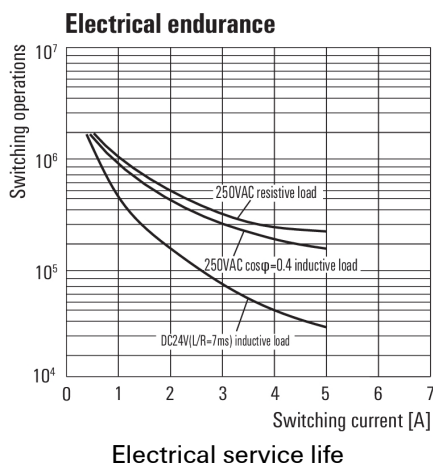
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Drawings

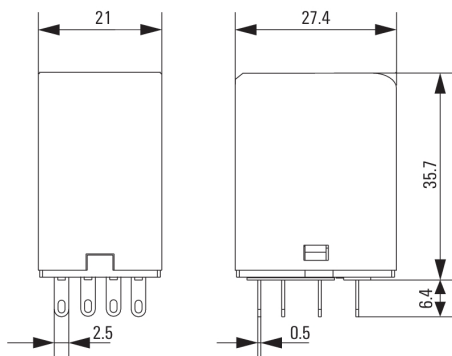
Wiring diagram



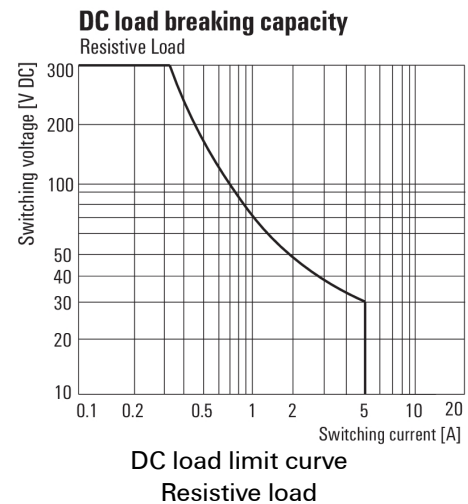
Graph



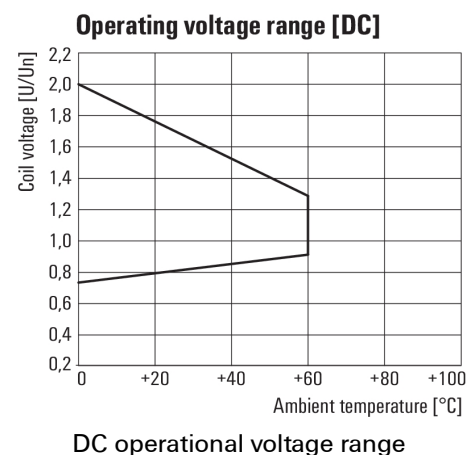
Dimensional drawing



Graph



Graph



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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).	

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 9/26 SCM ECO MC SDR	Version
Order No.	1525800000	ESG, Device markers x 26 mm, PA 66, Colour: To customer specification, pluggable
GTIN (EAN)	4050118331875	
Qty.	16 pc(s).	

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Accessories

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).	
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).	

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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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).	

Retaining clips



Retaining clip for D-SERIES DRM relays

- Metal and plastic retaining clip

General ordering data

Type	DRM/DRL CLIP M	Version
Order No.	7760056108	D-SERIES, Retaining clip
GTIN (EAN)	4032248855568	
Qty.	10 pc(s).	
Type	SCM CLIP P	Version
Order No.	7760056367	D-SERIES DRM, Retaining clip
GTIN (EAN)	6944169773334	
Qty.	5 pc(s).	

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Accessories

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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).	

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	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).	
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).	

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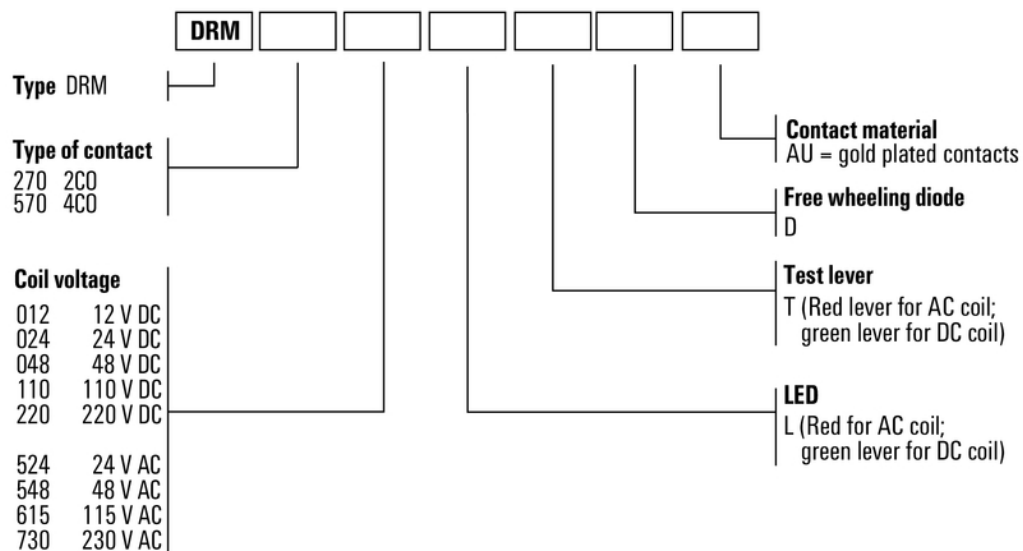
Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	1520980000	ESG, Device markers x 26 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4050118327939	
Qty.	80 pc(s).	
Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	1520990000	ESG, Device markers x 26 mm, PA 66, Colour: yellow, pluggable
GTIN (EAN)	4050118327861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

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Type codes