

**DRM570024LT AU****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 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: 24 V DC, Continuous current: 5 A, Plug-in connection
Order No.	<a href="#">7760056189</a>
Type	DRM570024LT AU
GTIN (EAN)	4032248922284
Qty.	20 pc(s).

# DRM570024LT AU

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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	24 V DC	Rated current DC	37.8 mA
Power rating	0.9 W	Coil resistance	630 Ω ± 10 %
Coil tolerance	10 %	Status indicator	Green 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 <sup>6</sup> 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 <sub>eff</sub> / 1 min.	Dielectric strength of neighbouring contacts	1 kV <sub>eff</sub> / 1 min
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	6 kV (1.2/50 μs)
Protection degree	IP20		

### Connection data

Wire connection method	Plug-in connection
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Creation date July 4, 2024 1:27:20 PM CEST

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****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 /

**Approvals**

ROHS Conform

**Downloads**

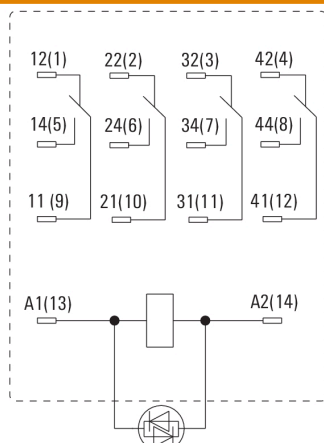
Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20230124 Product consolidation D-SERIES DRM relays</a> <a href="#">20230124 Produktkonsolidierung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

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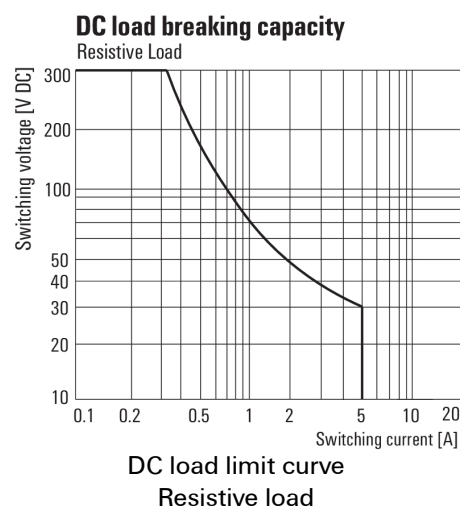
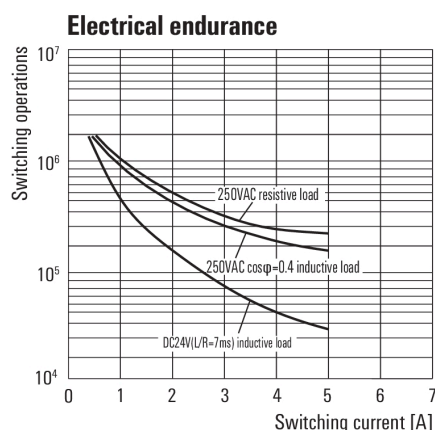
Klingenbergstraße 26

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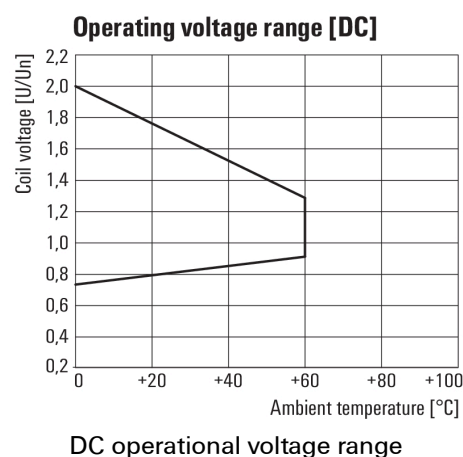
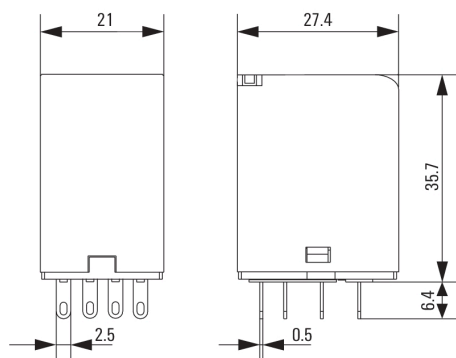
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[www.weidmueller.com](http://www.weidmueller.com)
**Drawings**
**Wiring diagram**


View of Pins from below

**Graph**

**Graph**


Electrical service life

**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 24/60VUC	Version
Order No.	<a href="#">7760056018</a>	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.	<a href="#">7940018457</a>	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4032248878192	
Qty.	10 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.	<a href="#">2619940000</a>	ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148	
Qty.	3,000 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 9/26 SCM ECO MC SDR	Version
Order No.	<a href="#">1525800000</a>	ESG, Device markers x 26 mm, PA 66, Colour: To customer
GTIN (EAN)	4050118331875	specification
Qty.	80 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.	<a href="#">7760056108</a>	D-SERIES, Retaining clip
GTIN (EAN)	4032248855568	
Qty.	10 pc(s).	

Type	SCM CLIP P	Version
Order No.	<a href="#">7760056367</a>	D-SERIES DRM, Retaining clip
GTIN (EAN)	6944169773334	
Qty.	5 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 6/24VDC	Version
Order No.	<a href="#">7760056015</a>	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 24/60VDC	Version
Order No.	<a href="#">7760056016</a>	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878123	24...60 V DC, Plug-in connection
Qty.	10 pc(s).	

### Blank



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### General ordering data

Type	ESG 6/17 K MC NE GE	Version
Order No.	<a href="#">1880110000</a>	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.	<a href="#">1880120000</a>	ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478804	
Qty.	200 pc(s).	

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#### General ordering data

Type	ESG 6/17 MM WS	Version
Order No.	<a href="#">2005100000</a>	ESG, Device markers, 6 x 17 mm, white
GTIN (EAN)	4050118390728	
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 ECO	Version
Order No.	<a href="#">7760056264</a>	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.	<a href="#">7760056107</a>	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.	<a href="#">7760056363</a>	D-SERIES DRM, Relay socket, Number of contacts: 4, CO contact,
GTIN (EAN)	6944169772276	Continuous current: 6 A, PUSH IN
Qty.	10 pc(s).	



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### General ordering data

Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	<a href="#">1520990000</a>	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.	<a href="#">1521000000</a>	ESG, Device markers x 26 mm, PA 66, Colour: grey
GTIN (EAN)	4050118327878	
Qty.	80 pc(s).	
Type	ESG 9/26 SCM ECO MC NE ...	Version
Order No.	<a href="#">1520980000</a>	ESG, Device markers x 26 mm, PA 66, Colour: white
GTIN (EAN)	4050118327939	
Qty.	80 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.	<a href="#">7760056169</a>	D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug-
GTIN (EAN)	4032248967728	in connection
Qty.	10 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Blank**

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Order No.	<a href="#">1880100000</a>	ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478781	
Qty.	200 pc(s).	
Type	ESG 6/15 K MC NE GE	Version
Order No.	<a href="#">1880130000</a>	ESG, Device markers x 15 mm, PA 66, Colour: yellow, Self-adhesive
GTIN (EAN)	4032248478910	
Qty.	200 pc(s).	

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Type codes