

**DRM570524LT****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 0,15 µm Au, AgNi flash gold-plated, Rated control voltage: 24 V AC, Continuous current: 5 A, Plug-in connection
Order No.	<a href="#">7760056101</a>
Type	DRM570524LT
GTIN (EAN)	4032248855636
Qty.	20 pc(s).

Creation date March 29, 2021 8:46:26 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## DRM570524LT

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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
Net weight	36.05 g	Width	21 mm
Width (inches)	0.827 inch		

### Temperatures

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Rated data UL

Certificate No. (cURus)	E312083
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### Control side

Coil resistance	160 $\Omega$ $\pm$ 10 %	Power rating	1.0...1.2VA (60HZ)
Pull-in/drop-out voltage, typ.	19.2 V / 7.2 V AC	Rated control voltage	24 V AC
Rated current AC	62.4 mA (50 Hz), 52.2 mA (60 Hz)	Status indicator	red LED

### Load side

AC switching capacity (resistive), max.	1250 VA	Continuous current	5 A
DC switching capacity (resistive), max.	120 W @ 24 V	Inrush current	10 A / 50 ms
Max. switching frequency at rated load	0.1 Hz	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V
Rated switching voltage	250 V AC	Switch-off delay	$\leq$ 20 ms
Switch-on delay	$\leq$ 20 ms		

### Contact data

Contact type	4 CO contact (AgNi 0,15 $\mu$ m Au, AgNi flash gold-plated)	Contact resistance	$\leq$ 50 m $\Omega$
Mechanical service life	20 x 10 <sup>6</sup> switching cycles		

### General data

Test button	yes (lockable)	
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

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## Insulation coordination

Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength of neighbouring contacts	1 kV <sub>eff</sub> / 1 min
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Dielectric strength, Input/Output	1.8 kV <sub>eff</sub> / 1 min.
Impulse withstand voltage	6 kV (1.2/50 μs)	Pollution severity	2
Protection degree	IP20	Rated voltage	250 V
Surge voltage category	III		

## Further details of approvals / standards

Standards	IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	Certificate No. (cURus)	E312083
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## Connection data

Wire connection method	Plug-in connection
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## Classifications

ETIM 6.0	EC001437	ETIM 7.0	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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E312083

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

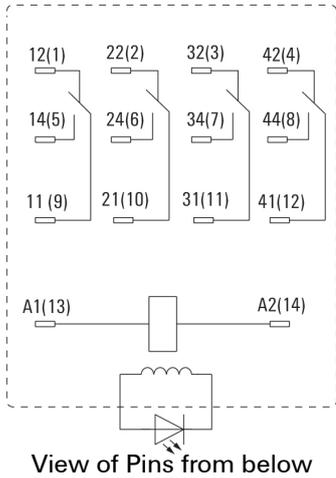
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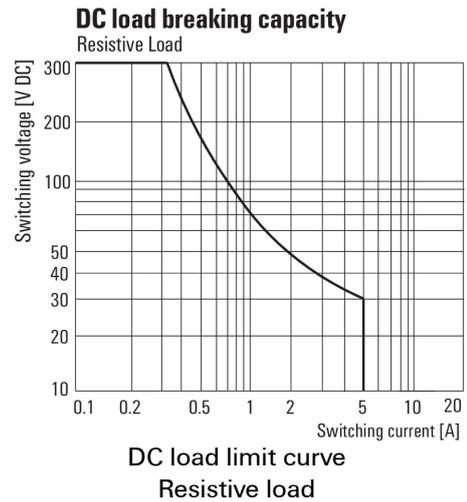
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**Drawings**

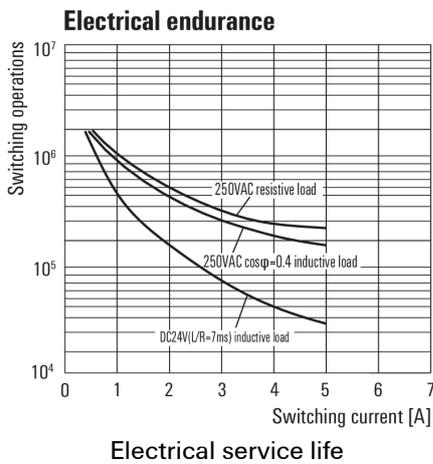
**Wiring diagram**



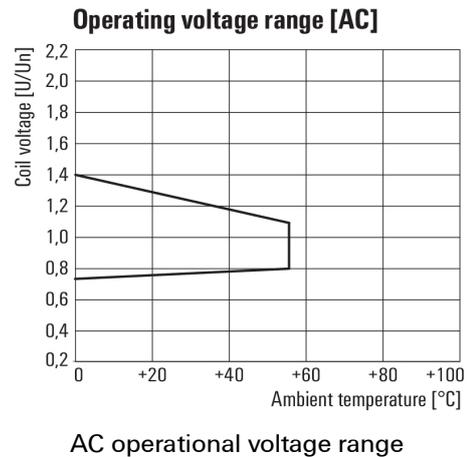
**Graph**



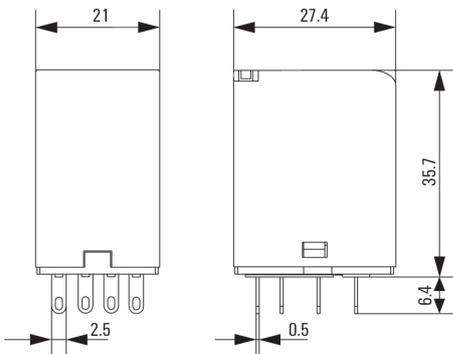
**Graph**



**Graph**



**Dimensional drawing**



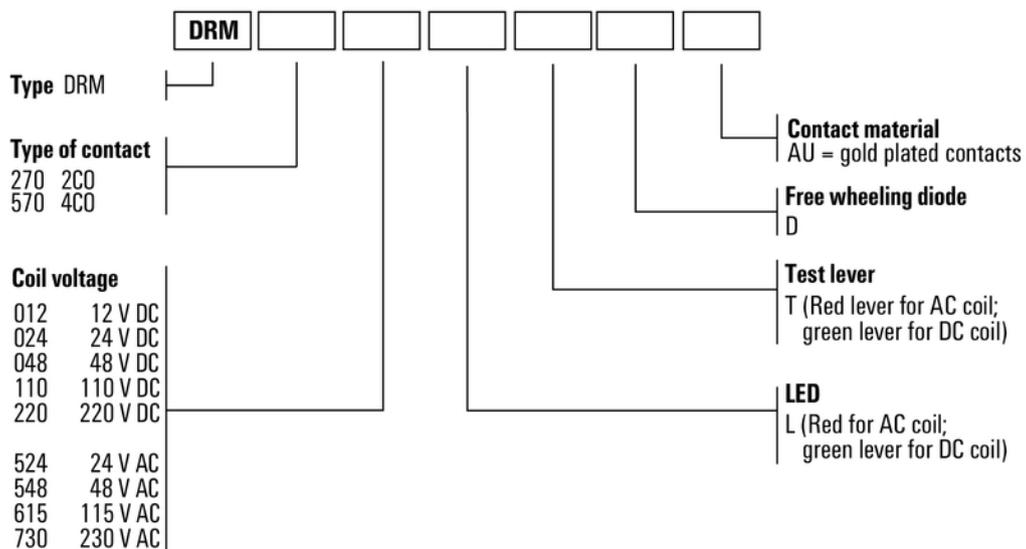
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**Drawings**

**Miscellaneous**



Type codes