

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

Erstellungs-Datum June 1, 2023 11:07:34 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

## DRM570024LT AU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technische Daten

### 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
Operating temperature, min.	-40 °C	Operating temperature, max.	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	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
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	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		

Erstellungs-Datum June 1, 2023 11:07:34 AM CEST

## DRM570024LT AU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technische Daten

### Connection data

Wire connection method      Plug-in connection

### Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	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

### Environmental Product Compliance

REACH SVHC      Lead 7439-92-1

### Approvals

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>
Engineering Data	<a href="#">WSCAD, EPLAN</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>

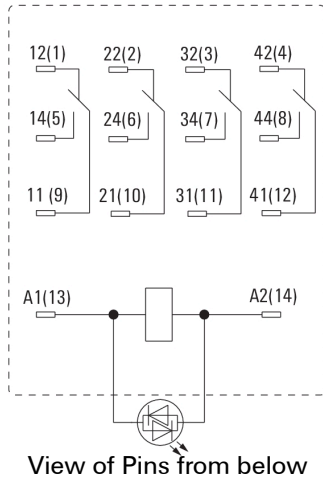
DRM570024LT AU

Weidmüller Interface GmbH & Co. KG  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

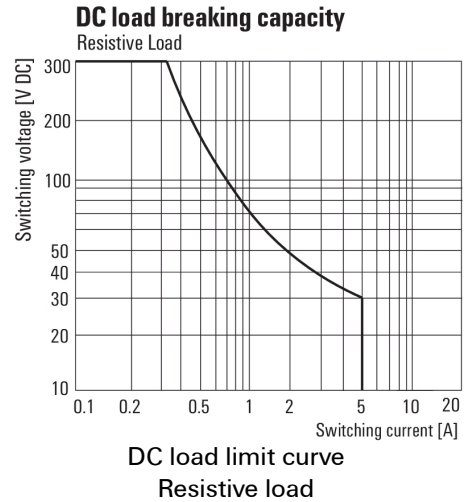
www.weidmueller.com

Zeichnungen

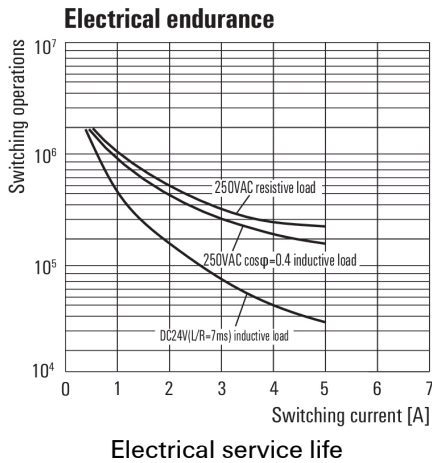
Wiring diagram



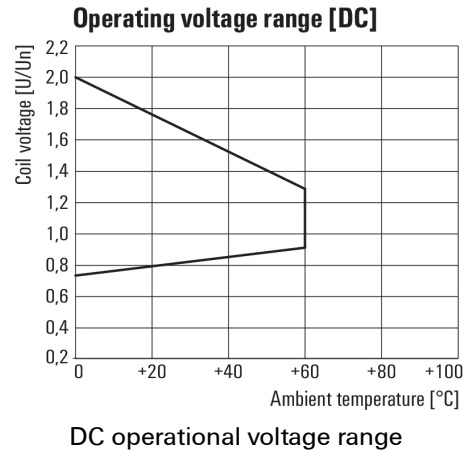
Graph



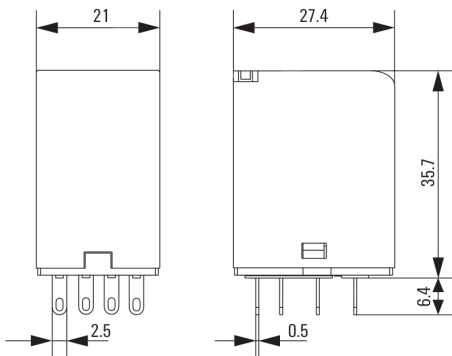
Graph



Graph



Dimensional drawing



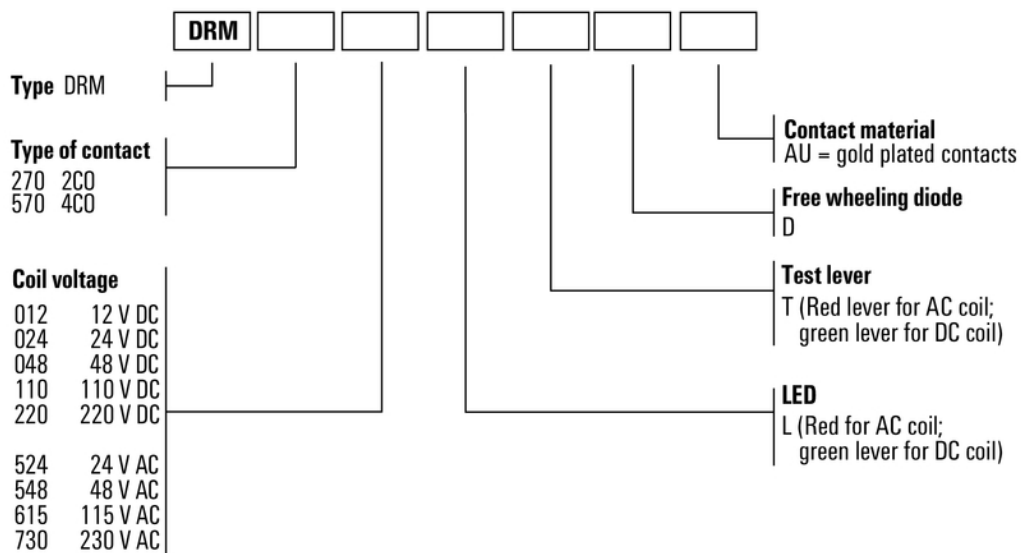
**DRM570024LT AU**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Zeichnungen**

**Miscellaneous**



Type codes