

**DRM570110L****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 contact
- AC coils
- With integrated status LED

**General ordering data**

Version	D-SERIES DRM, Relay, Number of contacts: 4, CO contact, AgNi flash gold-plated, Rated control voltage: 110 V DC, Continuous current: 5 A, Plug-in connection
Order No.	<a href="#">7760056090</a>
Type	DRM570110L
GTIN (EAN)	4032248855742
Qty.	20 pc(s).

Creation date July 30, 2024 3:39:17 PM CEST

Catalogue status 13.07.2024 / 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	34.65 g		

### Temperatures

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

### Rated data UL

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

Rated control voltage	110 V DC	Rated current DC	10 mA
Power rating	1.2 W	Coil resistance	11000 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 flash gold-plated)	Mechanical service life	20 x 10 <sup>6</sup> 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 <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		

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## Technical data

## Further details of approvals / standards

Certificate No. (cURus) E312083

## Connection data

Wire connection method Plug-in connection

## 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 /  
 RoHS Compliance Status Compliant without exemption

## Approvals

Approvals



ROHS Conform  
 UL File Number Search UL Website  
 Certificate No. (cURus) E312083

## 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](#)  
 User Documentation [FL\\_D-SERIES\\_DRM4CO\\_LOAD\\_GUIDE](#)  
 Catalogues [Catalogues in PDF-format](#)  
 Brochures

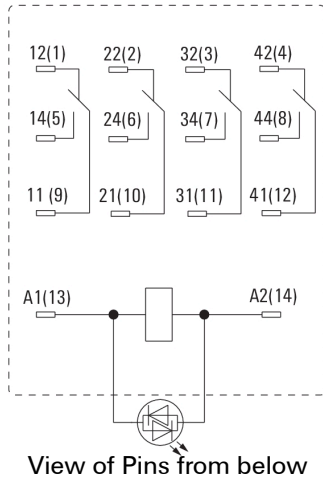
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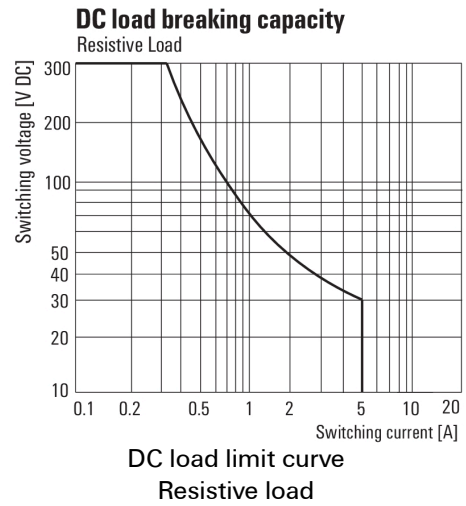
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**Drawings**

**Wiring diagram**



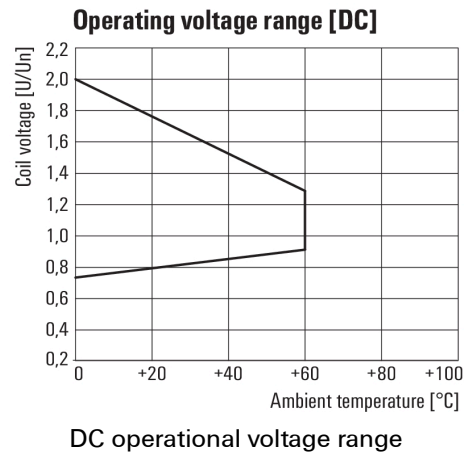
**Graph**



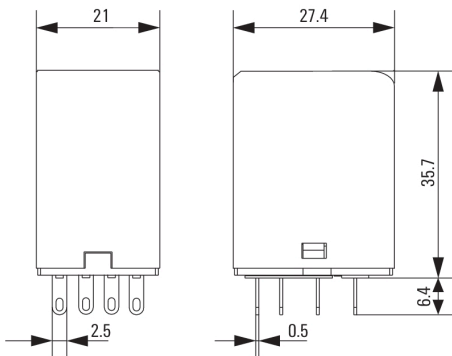
**Graph**



**Graph**



**Dimensional drawing**



**Data sheet**

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**Drawings**

**Miscellaneous**



Type codes