

DRM570615L**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: 115 V AC, Continuous current: 5 A, Plug-in connection
Order No.	7760056094
Type	DRM570615L
GTIN (EAN)	4032248855704
Qty.	20 pc(s).

Creation date June 5, 2024 10:22:54 AM CEST

Catalogue status 01.06.2024 / 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	36.05 g		

Temperatures

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

Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	115 V AC	Rated current AC	12.6 mA (50 Hz), 10.8 mA (60 Hz)
Power rating	1.0...1.2VA (60HZ)	Coil resistance	4340 Ω ± 10 %
Coil tolerance	10 %	Status indicator	red 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 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 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

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

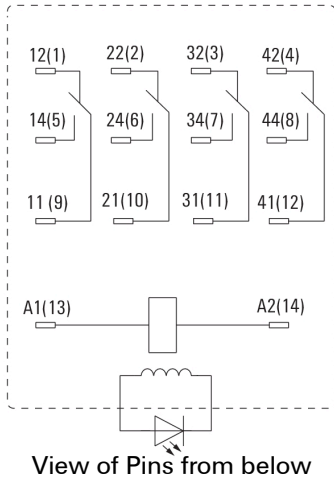
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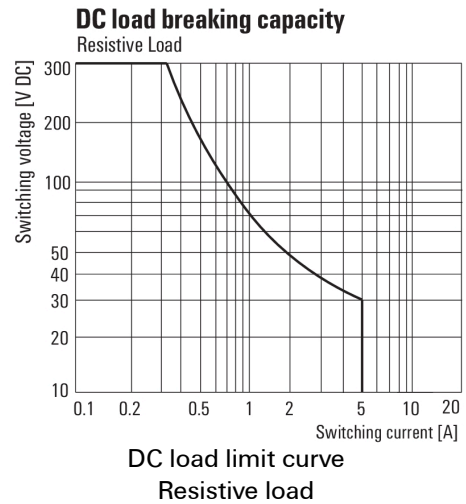
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Drawings

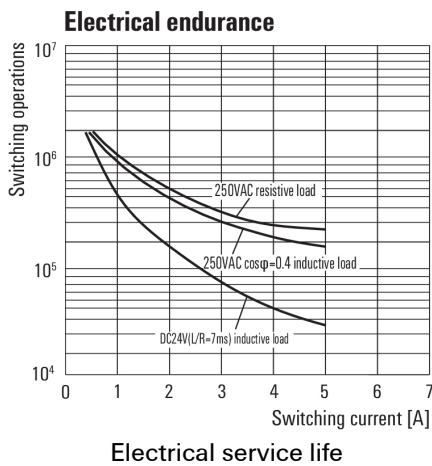
Wiring diagram



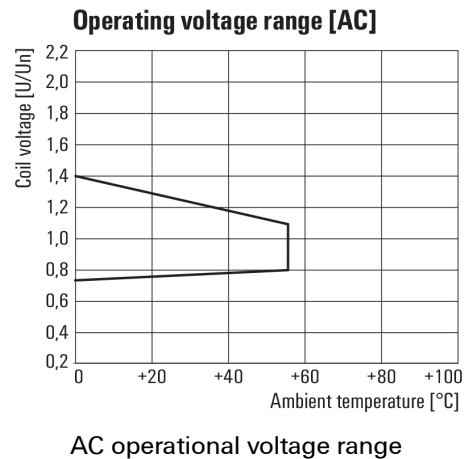
Graph



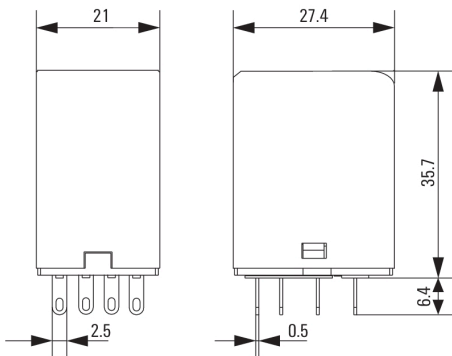
Graph



Graph



Dimensional drawing



Data sheet

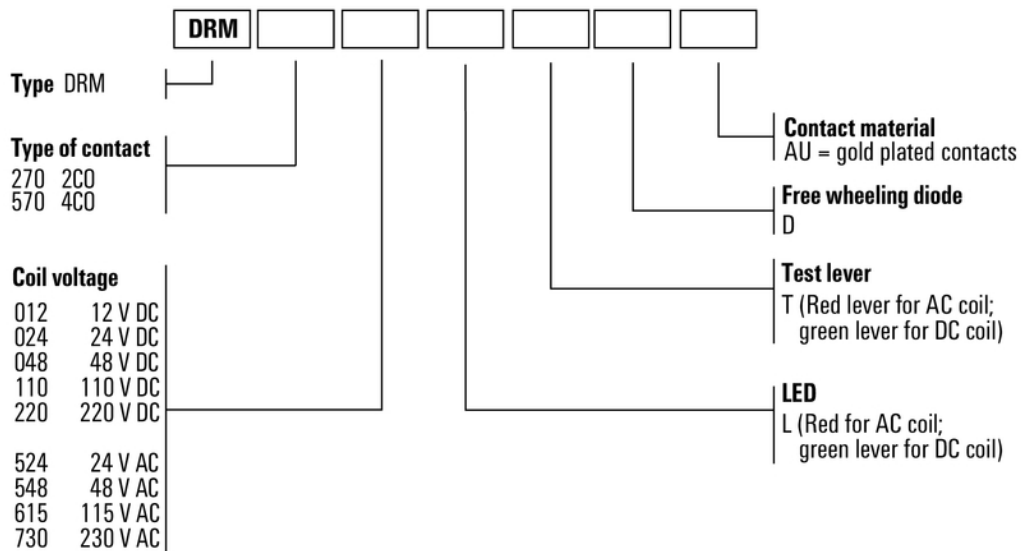
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Drawings

Miscellaneous



Type codes