

DRG270730L**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Relay from the D-SERIES DRG.

- 2 or 4 CO contacts
- Compact design
- Wide range of coil voltages
- Optional test button (AC red, DC blue)
- Integrated with integrated status display (AC red, DC green) and/or free-wheel diode

General ordering data

Version	D-SERIES DRG, Relay, Rated control voltage: 230 V AC, Continuous current: 12 A, Plug-in connection
Order No.	7760056520
Type	DRG270730L
GTIN (EAN)	6944169810329
Qty.	20 items
Local product	Only available in certain countries

Technical data

Approvals

Approvals



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

General ordering data

Local product	Only available in certain countries
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Dimensions and weights

Depth	35.4 mm	Depth (inches)	1.3937 inch
Height	27.2 mm	Height (inches)	1.0709 inch
Width	21 mm	Width (inches)	0.8268 inch
Net weight	45 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	5...85 % rel. humidity, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E312083
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Control side

Rated control voltage	230 V AC	Rated current AC	6.1 mA (50 Hz), 5.2 mA (60 Hz)
Power rating	1.2 VA	Coil resistance	16500 Ω ± 15 %
Status indicator	red LED		

Load side

Rated switching voltage	250 V AC / 30 V DC	Continuous current	12 A
Max. switching voltage, AC	250 V	Max. switching voltage, DC	30 V
AC switching capacity (resistive), max.	3000VA	DC switching capacity (resistive), max.	360W @ 30V
Switch-on delay	<20 ms	Switch-off delay	<20 ms
Contact type	2 CO contact (AgNi 90/10)	Min. switching power	10 mA @ 17 V DC

General data

Test button available	No	Mechanical switch position indicator	Yes
Colour	Transparent	UL 94 flammability rating	V-0

Technical data

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Dielectric strength for control side - load side	2 kVeff / 1 min
Dielectric strength of neighbouring contacts	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1 kVeff / 1 min
Protection degree	IP20		

Further details of approvals / standards

Certificate No. (cURus)	E312083
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Connection data

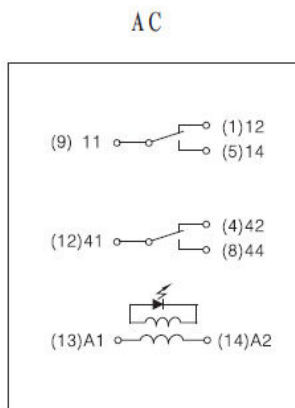
Wire connection method	Plug-in connection
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Classifications

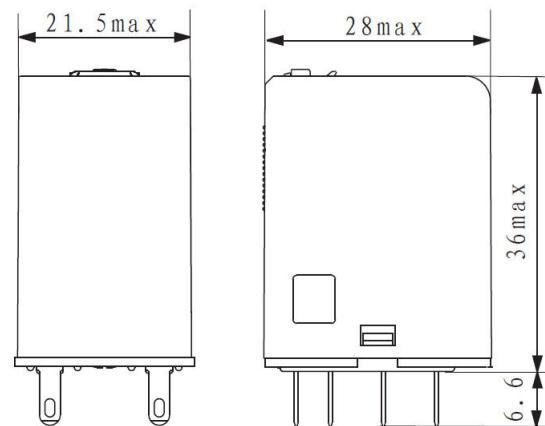
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Drawings

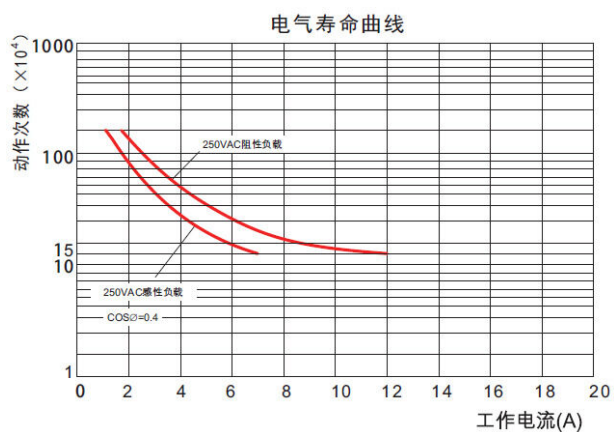
Wiring diagram



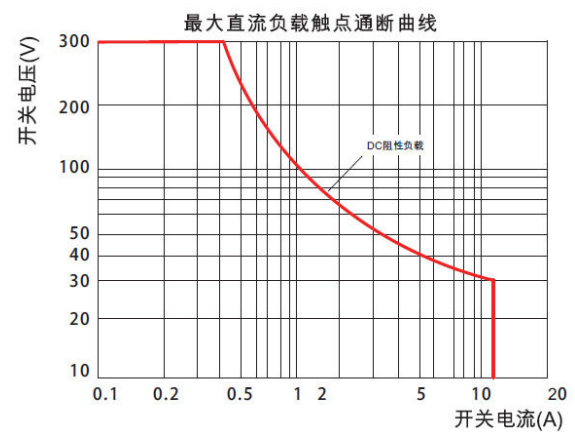
Dimensional drawing



Electrical service life



DC load limit curve



Drawings

Type codes

型号说明

DRG

型号 DRG

触点类型

270 2组转换触点

570 4组转换触点

线圈代码

012 12VDC / 024 24VDC / 048 48VDC /
 110 110VDC / 220 220VDC /
 524 24VAC / 548 48VAC / 615 115VAC /
 730 230VAC

带LED指示灯

L (交流线圈用红色, 直流线圈用绿色)

带测试按钮

T

带续流二极管

D

普通触点

/

镀金触点

Au