

RCM380730**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RIDERSERIES RCM, Relay, Number of contacts: 3, CO contact with test button AgNi 5µm Au, Rated control voltage: 230 V AC, Continuous current: 10 A, Plug-in connection
Order No.	8917540000
Type	RCM380730
GTIN (EAN)	4032248688425
Qty.	10 pc(s).
Available until	2009-12-31

Creation date March 29, 2021 11:41:58 PM CEST

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Technical data

Dimensions and weights

Depth	29 mm	Depth (inches)	1.142 inch
Height	28 mm	Height (inches)	1.102 inch
Net weight	29.3 g	Width	22.5 mm
Width (inches)	0.886 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E224238
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Control side

Coil resistance	19465 $\Omega \pm 15\%$	Power rating	1012 mVA
Pull-in/drop-out voltage, typ.	184 V / 69 V AC	Rated control voltage	230 V AC
Rated current AC	4.4 mA		

Load side

AC switching capacity (resistive), max.	2500 VA	Continuous current	10 A
DC switching capacity (resistive), max.	240 W @ 24 V	Inrush current	20 A / 20 ms
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	400 V
Min. switching power	1 mA @ 1 V	Rated switching voltage	250 V AC
Switch-off delay	≤ 10 ms	Switch-on delay	≤ 15 ms

Contact data

Contact type	3 CO contact with test button (AgNi 5 μ m Au)	Mechanical service life	AC coil 20 x 10 ⁶ switching cycles
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General data

Test button	yes (lockable)	Mechanical switch position indicator	Yes
Colour	Transparent	UL 94 flammability rating	V-2

Insulation coordination

Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1.2 kV _{eff} / 1 min.	Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.
Impulse withstand voltage	5 kV (1.2/50 μ s)	Insulating material group	IIIa
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40011762	Certificate No. (cURus)	E224238

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Technical data

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	E224238

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	EPLAN, WSCAD

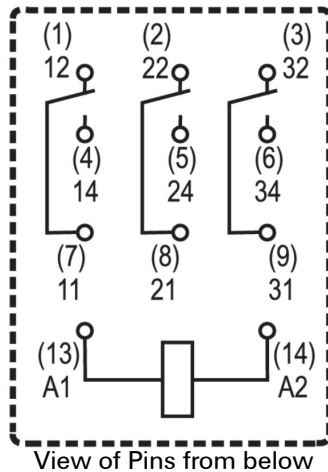
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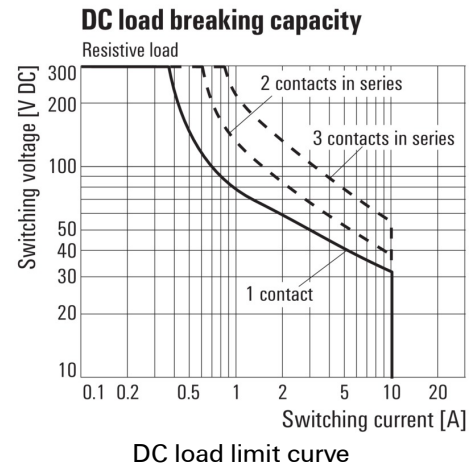
www.weidmueller.com

Drawings

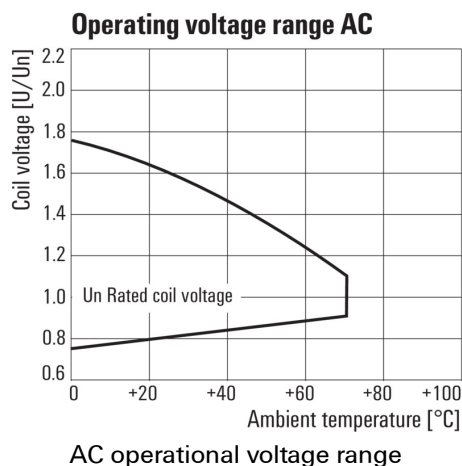
Wiring diagram



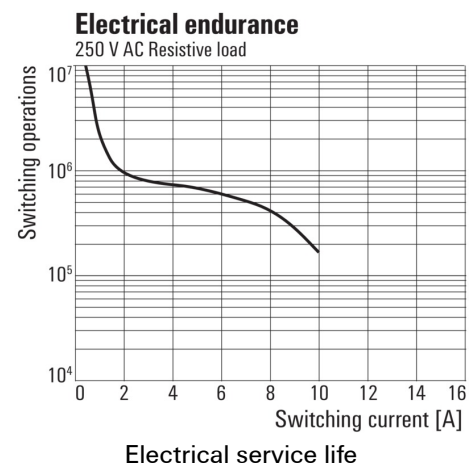
Graph



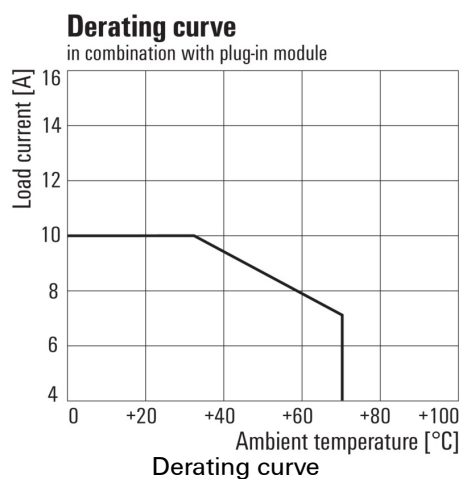
Graph



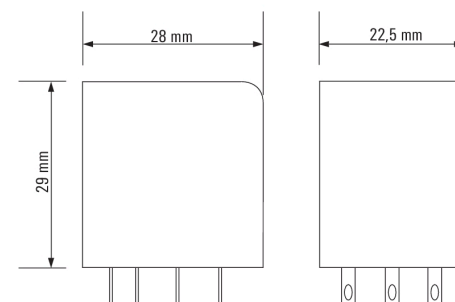
Graph



Graph



Dimensional drawing



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Drawings

Miscellaneous

		RCM						
Type							Coil voltage	with LED + diode
RIDER Control Multiple							006 6 V DC	L06
Type of contact							012 12 V DC	L12 AB2
2 2CO							024 24 V DC	L24 AC4
3 3CO							048 48 V DC	L48 AE8
5 4CO							060 60 V DC	L60
Contact material							110 110 V DC	M10 BB0
7 AgNi 90/10 with test button							220 220 V DC	N20
8 AgNi 90/10 hgp, with test button							506 6 V AC	R06
							512 12 V AC	R12
							524 24 V AC	R24
							548 48 V AC	R48
							615 115 V AC	S15
							730 230 V AC	T30
							Type of construction	
							0 Standard, 2,8mm Faston	

Type codes