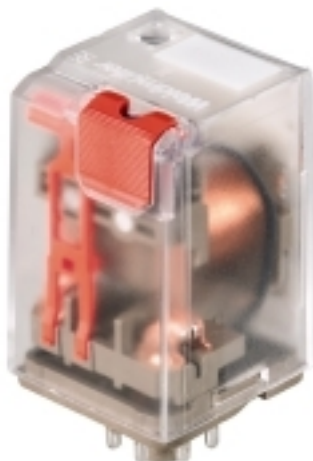


RRD321024**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	RIDERSERIES RRD, Relay, Number of contacts: 3, CO contact with test button AgNi, Rated control voltage: 24 V DC, Continuous current: 10 A, Plug-in connection, Test button available: Yes
Order No.	8690610000
Type	RRD321024
GTIN (EAN)	4032248361182
Qty.	25 pc(s).

Creation date January 30, 2022 8:30:15 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	35.5 mm	Height (inches)	1.398 inch
Width	35.5 mm	Width (inches)	1.398 inch
Net weight	84.24 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-40 °C...60 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Probability of failure

B10	600.000 AC15: 250Vac/5A
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Rated data UL

Certificate No. (cURus)	E224238
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Control side

Rated control voltage	24 V DC	Rated current DC	50.5 mA
Power rating	1.2 W	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Coil resistance	475 $\Omega \pm 10\%$		

Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Inrush current	20 A / 20 ms	AC switching capacity (resistive), max.	2500 VA
DC switching capacity (resistive), max.	240 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Contact type	3 CO contact with test button (AgNi)
Mechanical service life	20 x 10 ⁶ switching cycles		

General data

Test button available	Yes	Mechanical switch position indicator	Yes
Colour	Transparent	UL 94 flammability rating	V-2

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Creepage and clearance distance input – output	≤ 3 mm	Dielectric strength, Input/Output	2.5 kV _{eff} / 1 Min.
Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.	Dielectric strength of open contact	1.5 kV _{eff} / 1 min.
Impulse withstand voltage	2.5 kV (1.2/50 μ s)	Protection degree	IP20

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Technical data

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40011757	Certificate No. (cURus)	E224238

Connection data

Wire connection method	Plug-in connection
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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		

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
Catalogues	Catalogues in PDF-format

RRD321024

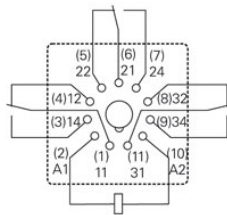
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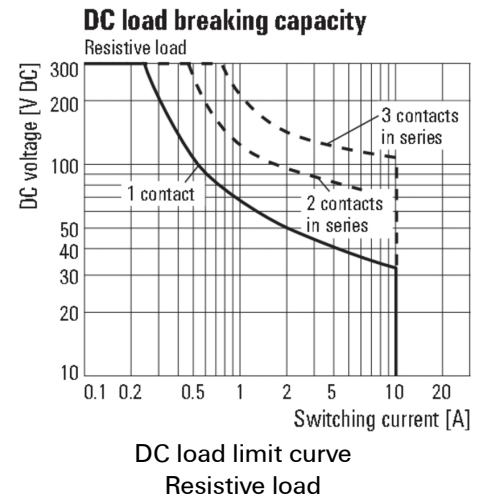
Drawings

Wiring diagram

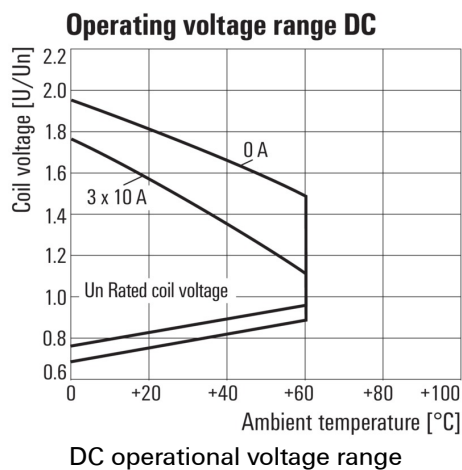
Circuit diagram
View of connections



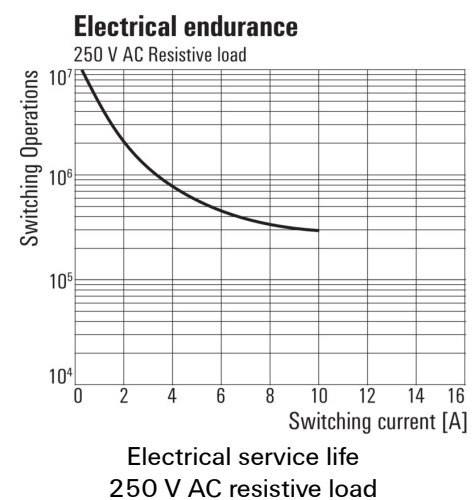
Graph



Graph



Graph



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Accessories

ESG 6/17

**Guaranteed long service life: ESG**

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

Your benefits with MultiMark

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

General ordering data

Type	ESG 6/17 MM WS	Version
Order No.	2005100000	ESG, Device markers, 6 x 17 mm, white
GTIN (EAN)	4050118390728	
Qty.	3,000 pc(s).	

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 6/15 K MC NE WS	Version
Order No.	1880100000	ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478781	
Qty.	200 pc(s).	

Type	ESG 6/15 K MC NE GE	Version
Order No.	1880130000	ESG, Device markers x 15 mm, PA 66, Colour: yellow, Self-adhesive
GTIN (EAN)	4032248478910	
Qty.	200 pc(s).	

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Accessories

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General ordering data

Type	ESG 9/11 K MC NE WS	Version
Order No.	1857440000	ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248402731	
Qty.	200 pc(s).	

RRD

General ordering data

Type	SRD-I CLIP M	Version
Order No.	8869370000	RIDERSERIES RRD, Retaining clip
GTIN (EAN)	4032248614707	
Qty.	25 pc(s).	
Type	SRD-I 3CO	Version
Order No.	8869350000	RIDERSERIES RRD, Relay socket, Number of contacts: 3, CO contact,
GTIN (EAN)	4032248614684	Continuous current: 10 A, Screw connection
Qty.	25 pc(s).	

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- Individual laser-quality printing according to specifications

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General ordering data

Type	ESG 6/17 K MC NE GE	Version
Order No.	1880110000	ESG, Device markers x 17 mm, PA 66, Colour: yellow, Self-adhesive
GTIN (EAN)	4032248478798	
Qty.	200 pc(s).	
Type	ESG 6/17 K MC NE WS	Version
Order No.	1880120000	ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478804	
Qty.	200 pc(s).	

ESG 6/15

**Guaranteed long service life: ESG**

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Your benefits with MultiMark

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

General ordering data

Type	ESG 6/15 MM WS	Version
Order No.	2619940000	ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148	
Qty.	3,000 pc(s).	

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Drawings

Miscellaneous

	RRD				
Type RIDER Round					
Type of contact 2 2CO, 8-pole 3 3CO, 11-pole					
Contact material 2 AgNi 90/10					
Type of construction 1 DC coil with test button 3 DC coil with test button and bi-polar LED 6 AC coil with test button 8 AC coil with test button and bi-polar LED					
					Coil voltage
					006 6 V DC
					012 12 V DC
					024 24 V DC
					048 48 V DC
					060 60 V DC
					110 110 V DC
					220 220 V DC
					0C4 24 V DC+ free wheel diode
					0E8 48 V DC+ free wheel diode
					0G0 60 V DC+ free wheel diode
					1B0 110 V DC+ free wheel diode
					2C0 220 V DC+ free wheel diode
					006 6 V AC
					012 12 V AC
					024 24 V AC
					048 48 V AC
					115 115 V AC
					230 230 V AC

Type codes

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