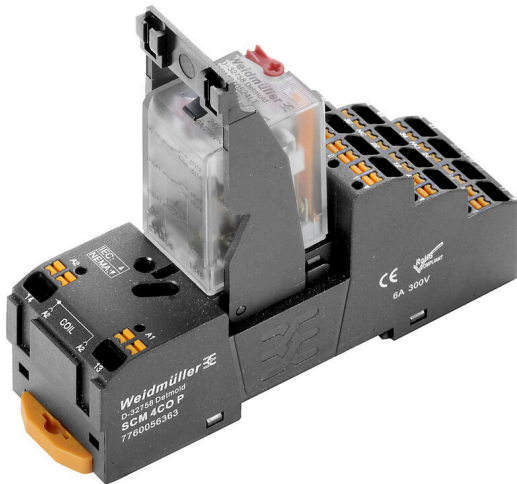


## DRMKITP 24VAC 4CO LD/PB

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

### Product image



Similar to illustration

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 4 CO contacts
- With mechanical status indicator
- Optional Test button with coloured identification of coils (AC red / DC blue)
- Bright status LED (AC coil: red / DC coil: green)

### General ordering data

Version	D-SERIES DRM, Relay module, Number of contacts: 4, CO contact AgNi flash gold-plated, Rated control voltage: 24 V AC, Continuous current: 5 A, PUSH IN, Test button available: Yes
Order No.	<a href="#">2576100000</a>
Type	DRMKITP 24VAC 4CO LD/PB
GTIN (EAN)	4050118585858
Qty.	10 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	82.3 mm	Depth (inches)	3.2402 inch
Height	101.8 mm	Height (inches)	4.0079 inch
Width	30.6 mm	Width (inches)	1.2047 inch
Net weight	108.61 g		

## Temperatures

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

## Environmental Product Compliance

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

## Control side

Rated control voltage	24 V AC	Rated current AC	62.4 mA (50 Hz)
Power rating	1.0...1.2VA (60HZ)	Coil resistance	160 Ω ± 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 <sup>6</sup> switching cycles	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V

## General data

Mounting rail	TS 35	
Test button available	Yes	
Version of test button	Lockable test button, Momentary test button	
Mechanical switch position indicator	Yes	
Colour	black	
UL94 flammability rating component	Component	Housing
	UL94 flammability rating	V-2
	Component	Pusher
	UL94 flammability rating	HB
	Component	Mounting foot
	UL94 flammability rating	HB
Component	Retaining clip	

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## Technical data

UL94 flammability rating	HB
Component	Relay cover
UL94 flammability rating	V-2
Component	Relay baseplate
UL94 flammability rating	V-0
Component	Relay status indicator
UL94 flammability rating	HB
Component	Relay test button
UL94 flammability rating	HB

## Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	C
Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	1.8 kVeff / 1 min.
Dielectric strength of neighbouring contacts	1 kVeff / 1 min	Dielectric strength of open contact	1 kVeff / 1 min
Protection degree	IP20		

## Further details of approvals / standards

Relevant relay	<a href="#">DRM570524LT</a>	Relevant base	<a href="#">SCM 4CO P</a>
Certificate no. (cURus) relay	E312083	Certificate no. (cURus) base	E355547

## Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	Blade size	0.4 x 2.5 mm

## 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		

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Drawings

Wiring diagram



Graph



DC load limit curve Resistive load

Graph



Electrical service life

Graph



Derating curve

Graph



AC operational voltage range

Dimensional drawing



Relay in combination with base

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**Drawings**

**Miscellaneous**



Type codes

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## Accessories

### LED



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

### General ordering data

Type	RIM 3 6/24VUC	Version	
Order No.	<a href="#">7940018457</a>	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection	
GTIN (EAN)	4032248878192		
Qty.	10 ST		
Type	RIM 3 24/60VUC	Version	
Order No.	<a href="#">7760056018</a>	D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection	
GTIN (EAN)	4032248878130		
Qty.	10 ST		

### Cross-connection for socket with PUSH IN connection

Cross-connection for the sockets in the D-SERIES DRM.



### General ordering data

Type	SCM/SDI P CC	Version	
Order No.	<a href="#">7760056366</a>	D-SERIES, Cross-connector	
GTIN (EAN)	6944169773327		
Qty.	10 ST		

### Retaining clips



Retaining clip for D-SERIES DRM relays

- Metal and plastic retaining clip

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## Accessories

### General ordering data

Type	DRM/DRL CLIP M	Version	
Order No.	<a href="#">7760056108</a>	D-SERIES, Retaining clip	
GTIN (EAN)	4032248855568		
Qty.	10 ST		

### 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 9/26 SCM ECO MC NE ...	Version	
Order No.	<a href="#">1520980000</a>	ESG, Device markers x 26 mm, PA 66, Colour: white, pluggable	
GTIN (EAN)	4050118327939		
Qty.	80 ST		
Type	ESG 9/26 SCM ECO MC NE ...	Version	
Order No.	<a href="#">1520990000</a>	ESG, Device markers x 26 mm, PA 66, Colour: yellow, pluggable	
GTIN (EAN)	4050118327861		
Qty.	80 ST		
Type	ESG 9/26 SCM ECO MC NE ...	Version	
Order No.	<a href="#">1521000000</a>	ESG, Device markers x 26 mm, PA 66, Colour: grey, pluggable	
GTIN (EAN)	4050118327878		
Qty.	80 ST		

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## Accessories

### Custom printing



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### General ordering data

Type	ESG 9/26 SCM ECO MC SDR	Version	
Order No.	<a href="#">1525800000</a>	ESG, Device markers x 26 mm, PA 66, Colour: To customer specification, pluggable	
GTIN (EAN)	4050118331875		
Qty.	16 ST		

### Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

### General ordering data

Type	SDIS 0.4X2.5X75	Version	
Order No.	<a href="#">2749790000</a>	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm	
GTIN (EAN)	4050118896534		
Qty.	1 ST		
Type	SDS 0.4X2.5X75	Version	
Order No.	<a href="#">2749320000</a>	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade thickness (A): 0.4 mm	
GTIN (EAN)	4050118895544		
Qty.	1 ST		

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**Accessories**

**ESG 6/15**



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 6/15 MM WS	Version	
Order No.	<a href="#">2619940000</a>		ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148		
Qty.	3000 ST		

**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.	<a href="#">2005100000</a>		ESG, Device markers, 6 x 17 mm, white
GTIN (EAN)	4050118390728		
Qty.	3000 ST		