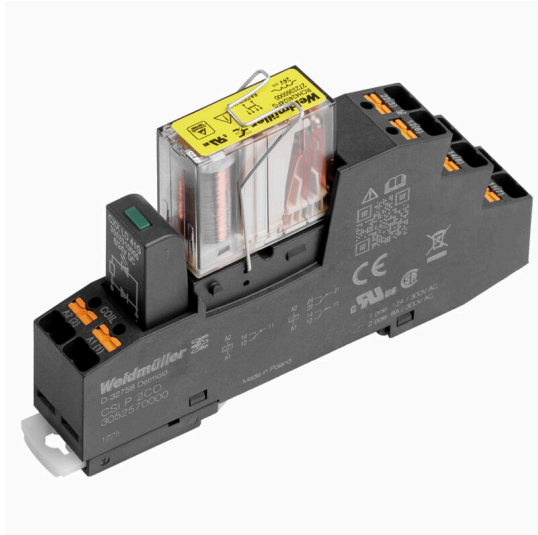


## CRIKIT P 24VDC 2CO L/D/MC FG

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

[www.weidmueller.com](http://www.weidmueller.com)



Relay modules with forcibly guided contacts  
 Relays with forcibly guided contacts have a 99 % diagnostics coverage and an excellent reputation for use in safety systems. The contacts interlock mechanically with each other in order to ensure a synchronous switching status of both contacts. This guarantees that the alert contact will maintain the same switching status in the event of an error (for example, if the working contact welds from an overload). The controller (or safety controller) detects the alert contact and then compares the set values and actual values. If a difference occurs, measures can then be taken to protect equipment and human life.

- 2 CO contacts with 6 A, forcibly guided according to EN 61810-3 type B
- Proven component in safety technology
- Diagnosis coverage of 99 %

### General ordering data

Version	CUBESERIES, Relay module, Number of contacts: 2, CO contacts forcibly guided (EN 61810-3 type B) AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, PUSH IN, Test button available: No
Order No.	<a href="#">3162280000</a>
Type	CRIKIT P 24VDC 2CO L/D/MC FG
GTIN (EAN)	4099987789325
Qty.	10 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	65.2 mm	Depth (inches)	2.5669 inch
Height	97 mm	Height (inches)	3.8189 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	61 g		

## Temperatures

Storage temperature	-25 °C...70 °C	Ambient temperature	-25 °C...70 °C
Operating temperature		Humidity	5...85 %, no condensation

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide 75980-60-8

## Control side

Rated control voltage	24 V DC	Rated current DC	29.2 mA
Power rating	565 mW	Coil resistance	823 Ω ± 10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode
Coil voltage of the replacement relay deviating from the rated control voltage	No	Coil voltage of the replacement relay	24 V DC

## Load side

Rated switching voltage	250 V AC	Continuous current	6 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	≤30 ms
Switch-off delay	<20 ms	Contact type	2 CO contacts forcibly guided (EN 61810-3 type B) (AgNi)
Mechanical service life	10 x 10 <sup>6</sup> switching cycles	Min. switching power	10 mA @ 5 V

## General data

Operating altitude	≤ 2000 m, above sea level	Mounting rail	TS 35
Test button available	No	Mechanical switch position indicator	No
Colour	black		

## Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Dielectric strength for control side - load	4 kVeff / 1 Min. side

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### Technical data

Type of isolation at input and output	reinforced insulation	Dielectric strength of neighbouring contacts	3 KVeFF / 1 Min.
Type of isolation at neighbouring contacts	reinforced insulation	Dielectric strength of open contact	1.5 kVeFF / 1 min.
Dielectric strength to mounting rail	4 kVeFF / 1 Min.	Protection degree	IP20
Impulse withstand voltage at neighbouring contacts	4 kV (1.2/50 µs)		

### Connection data

Wire connection method	PUSH IN	Clamping range, rated connection	1.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	1.5 mm <sup>2</sup>
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	Blade size	0.6 x 3.5 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		

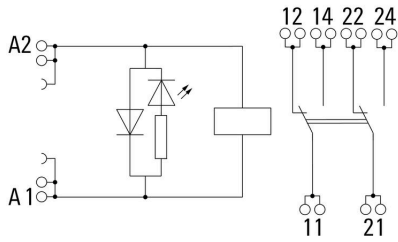
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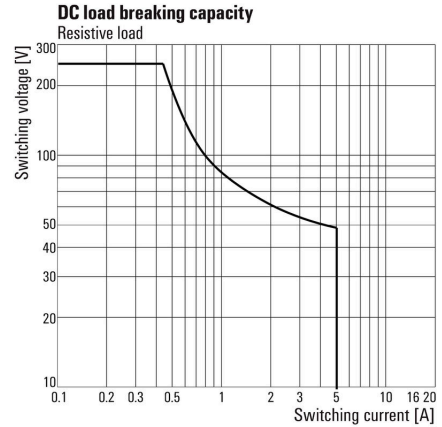
www.weidmueller.com

**Drawings**

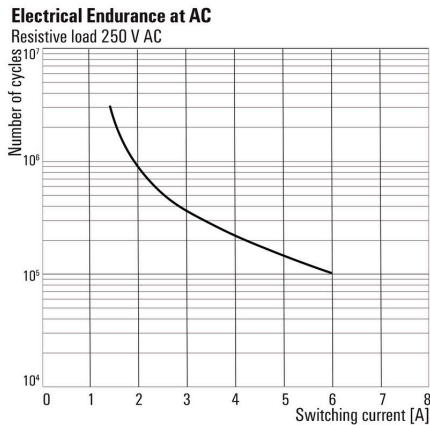
**Wiring diagram**



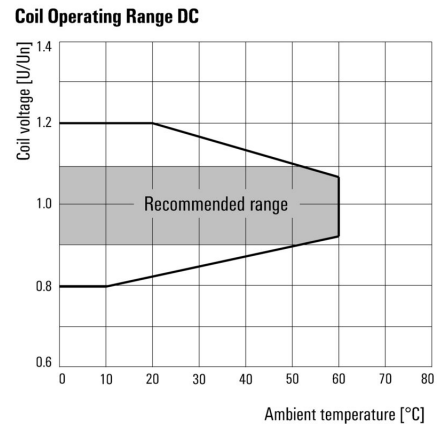
**Graph**



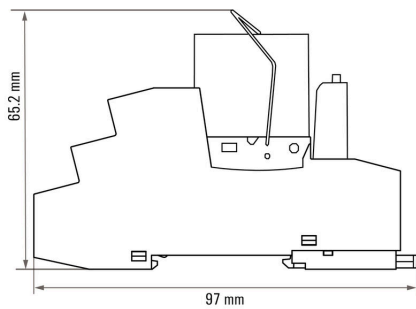
**Graph**



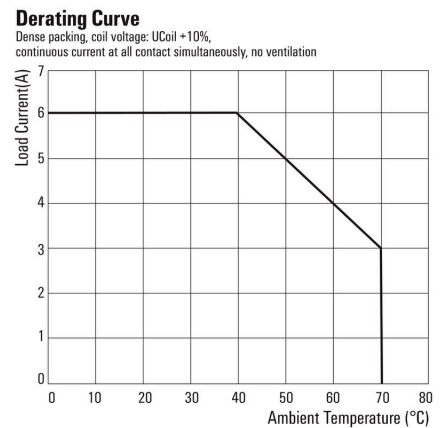
**Graph**



**Dimensional drawing**



**Graph**



**CRKIT P 24VDC 2CO L/D/MC FG**

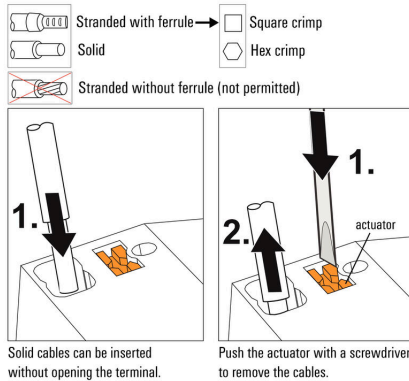
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**Drawings**

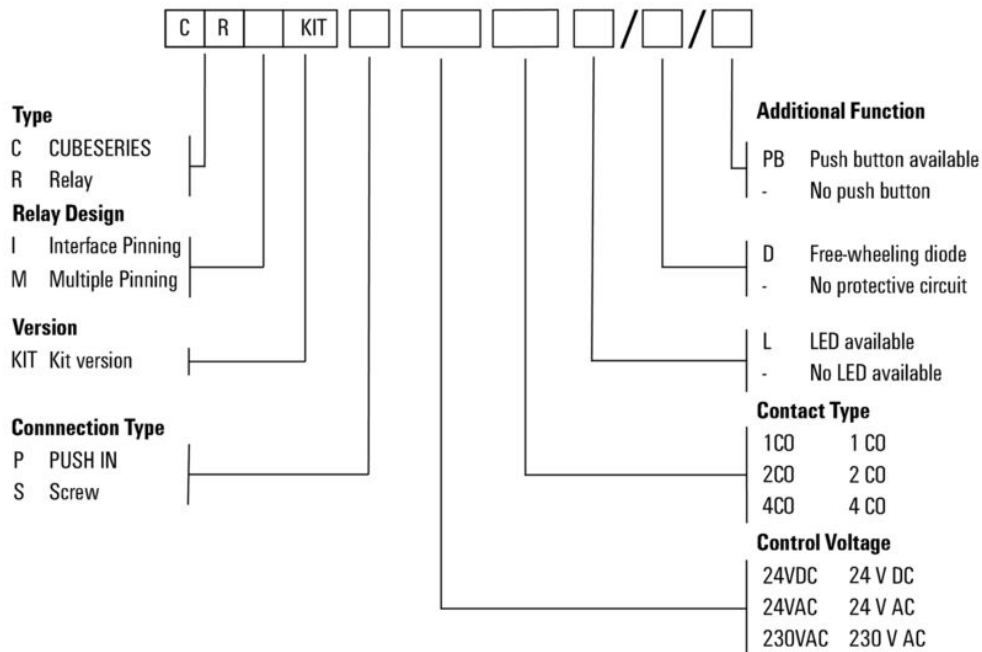
**Miscellaneous**

**Insertion and removal of cables**



**Miscellaneous**

**Typecode CUBESERIES KIT Versions**



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**Accessories**

**Slotted screwdriver**

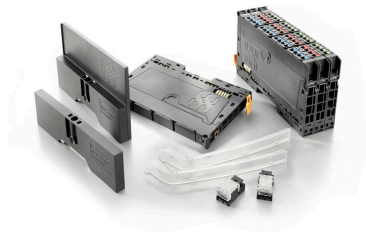


VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

**General ordering data**

Type	SDIS 0.6X3.5X100	Version	
Order No.	<a href="#">2749810000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	
GTIN (EAN)	4050118897012		
Qty.	1 ST		

**Accessories**

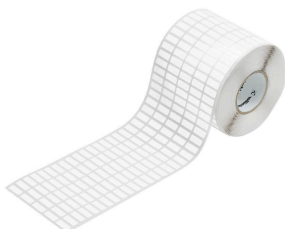


**System accessory**  
 Discover a wide range of accessories for your u-remote system - the ideal addition to make your applications even more efficient and flexible.

**General ordering data**

Type	UR20-EBK-ACC	Version	
Order No.	<a href="#">1346610000</a>	End bracket, ,	
GTIN (EAN)	4050118151596		
Qty.	5 ST		

**white**



The THM labels offer brilliant printing quality thanks to the thermal transfer technology. Different materials and the user-friendly printing system under Windows optimise every marking effort.

- High-quality polyester labels in various colours or inexpensive paper labels are available
- Labels are automatically positioned in the printer for perfectly centred prints on each label.

**General ordering data**

Type	THM MT30X 12/6 WS	Version	
Order No.	<a href="#">2466760000</a>	THM, Device markers, 6 x 12 mm, white	
GTIN (EAN)	4050118480887		
Qty.	1 ST		