

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

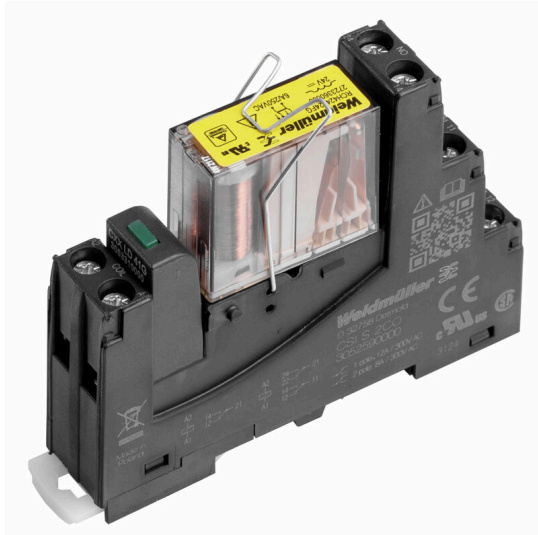
Weidmüller Interface GmbH & Co. KG

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, Screw connection, Test button available: No
Order No.	<a href="#">3162270000</a>
Type	CRIKIT S 24VDC 2CO L/D/MC FG
GTIN (EAN)	4099987789318
Qty.	10 items

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**Technical data**
**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	65.6 mm	Depth (inches)	2.5827 inch
Height	80 mm	Height (inches)	3.1496 inch
Width	15.8 mm	Width (inches)	0.622 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		
UL94 flammability rating component	Component	Socket	
	UL94 flammability rating	V-2	

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## Technical data

### Insulation coordination

Pollution severity	2	Surge voltage category	III
Dielectric strength for control side - load side	4 kVeff / 1 Min.	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.	Protection degree	IP20
Impulse withstand voltage at neighbouring contacts	4 kV (1.2/50 µs)		

### Connection data

Wire connection method	Screw connection	Tightening torque, min.	0.7 Nm
Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	2.5 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Twin wire-end ferrules, min.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, max.	2.5 mm <sup>2</sup>	Blade size	PZ 1

### 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		

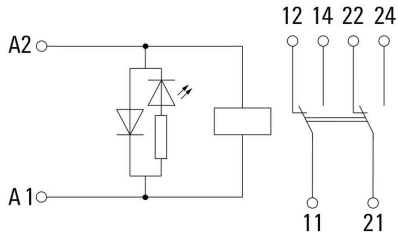
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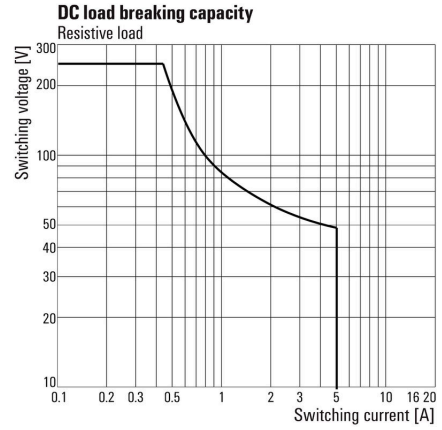
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**Drawings**

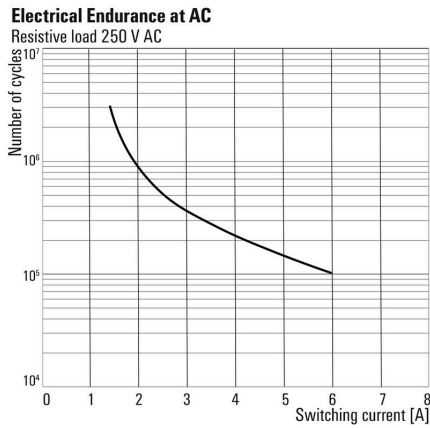
**Wiring diagram**



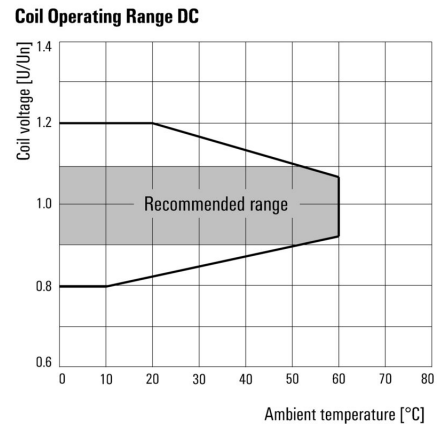
**Graph**



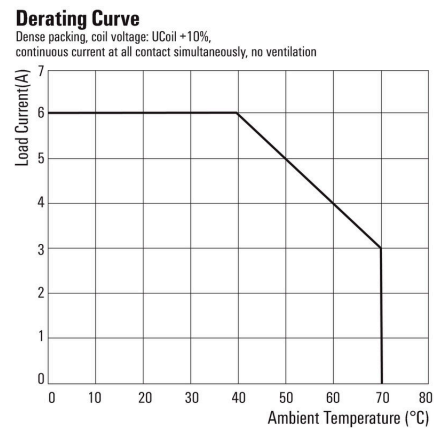
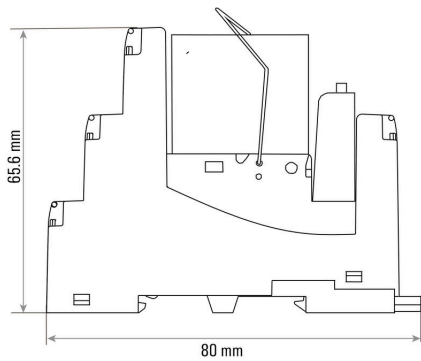
**Graph**



**Graph**

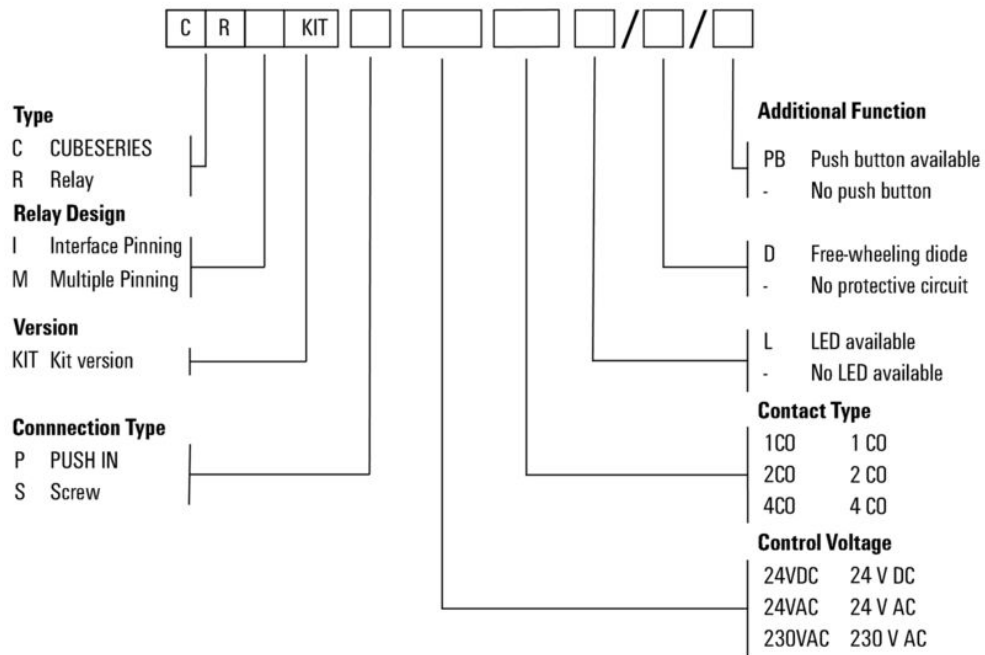


**Graph**



Miscellaneous

Typecode CUBESERIES KIT Versions



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## Accessories

### Crosshead screwdriver Pozidriv

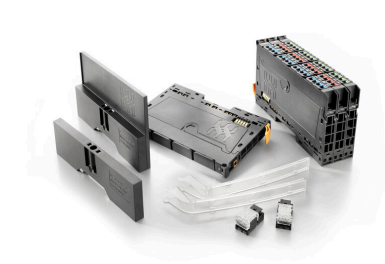


VDE insulated crosshead screwdriver type Pozidriv SDIK PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ, SoftFinish grip

#### General ordering data

Type	SDIK PZ1 X 80	Version	
Order No.	<a href="#">2749920000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1	
GTIN (EAN)	4050118897227		
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		

### Marker holder



#### General ordering data

Type	CXI LABEL FLAP S	Version	
Order No.	<a href="#">3169130000</a>	CUBESERIES, Label	
GTIN (EAN)	4099987828048		
Qty.	100 ST		