

## CRMKIT S 230VAC 4CO L UL

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

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

### General ordering data

Version	, Number of contacts: 4, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	<a href="#">8000159000</a>
Type	CRMKIT S 230VAC 4CO L UL
GTIN (EAN)	4099987371292
Qty.	10 items

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## Technical data

### Dimensions and weights

Depth	68.2 mm	Depth (inches)	2.685 inch
Height	80.3 mm	Height (inches)	3.1614 inch
Width	26.9 mm	Width (inches)	1.0591 inch
Net weight	1048.6 g		

### Temperatures

Storage temperature		Ambient temperature	-40 °C...55 °C
Operating temperature			

### Control side

Rated control voltage	230 V AC	Rated current AC	9.5 mA
Power rating	2.3 VA	Coil resistance	16100 Ω ± 10 %
Status indicator	Green LED	Coil voltage of the replacement relay deviating from the rated control voltage	No
Coil voltage of the replacement relay	230 V AC		

### 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	Inrush current	16 A / 20 ms
AC switching capacity (resistive), max.	1500	DC switching capacity (resistive), max.	168 W @ 24 V
Switch-on delay	≤ 20 ms	Switch-off delay	≤ 12 ms
Contact type	4 CO contact (AgNi)	Mechanical service life	2 x 10 <sup>7</sup> switching cycles
Min. switching power	10 mA @ 12 V, 100 mA @ 5 V		

### General data

Operating altitude	≤ 2000 m, above sea level		
Mounting rail	TS 35		
Test button available	No		
Colour	black		
UL94 flammability rating component	Component	Socket	
	UL94 flammability rating	V-2	
	Component	Relay cover	
	UL94 flammability rating	V-2	

### Insulation coordination

Rated voltage	250 V	Surge voltage category	II
Dielectric strength for control side - load side	4 kVeff / 1 Min.	Dielectric strength of neighbouring contacts	3 kVeff / 1 Min.
Dielectric strength to mounting rail	4 kVeff / 1 Min.	Protection degree	IP20

### Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
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 connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 16
Wire cross-section, solid, min.	2.5 mm <sup>2</sup>	Wire cross-section, solid, max.	4 mm <sup>2</sup>
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16

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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		