

**CRKIT P 230VAC 2CO L UL**

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

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

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**General ordering data**

Version	, Number of contacts: 2, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 8 A, PUSH IN, Test button available: No
Order No.	<a href="#">8000158742</a>
Type	CRKIT P 230VAC 2CO L UL
GTIN (EAN)	4099987368216
Qty.	10 items

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## Technical data

### Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.8543 inch
Height	97 mm	Height (inches)	3.8189 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	1024.2 g		

### Temperatures

Storage temperature	Ambient temperature	-20 °C...70 °C
Operating temperature		

### Control side

Rated control voltage	230 V AC	Rated current AC	5.7 mA
Power rating	1.29 VA	Coil resistance	38500 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	8 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.	2000 VA
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 12 ms
Switch-off delay	≤ 20 ms	Contact type	2 CO contact (AgNi)
Mechanical service life	3 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-0	
	Component	Relay cover	
	UL94 flammability rating	V-2	

### Insulation coordination

Surge voltage category	II	Dielectric strength for control side - load side	5 kVeff / 1 min
Dielectric strength of neighbouring contacts	3 KVeff / 1 Min.	Dielectric strength to mounting rail	4 kVeff / 1 Min.
Impulse withstand voltage	4 kV (1.2/50 μs)	Protection degree	IP20

### Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	8 mm
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

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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		