

**CRKIT S 12VDC 1CO L/D/PB 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: 1, CO contact AgNi, Rated control voltage: 24 V DC, 12 V DC, Continuous current: 16 A, PUSH IN, Screw connection, Test button available: Yes
Order No.	<a href="#">8000158745</a>
Type	CRKIT S 12VDC 1CO L/D/PB UL
GTIN (EAN)	4099987368247
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	1025.2 g		

**Temperatures**

Storage temperature		Ambient temperature	-40 °C...70 °C
Operating temperature			

**Control side**

Rated control voltage	24 V DC, 12 V DC	Rated current DC	23.5 mA
Power rating	565 mW	Coil resistance	1440 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	16 A @ 1CO with bridged output wire connections; 12 A; @ 1CO without bridged output wire connections
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.	4000
DC switching capacity (resistive), max.	384 W @ 24 V	Switch-on delay	≤ 12 ms
Switch-off delay	≤ 6 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	5 x 10 <sup>6</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	Yes		
Version of test button	Lockable test button, Momentary test button		
Mechanical switch position indicator	Yes		
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	Impulse withstand voltage	4 kV (1.2/50 μs)
Protection degree	IP20		

**Connection data**

Wire connection method	PUSH IN, Screw connection	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>

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**Technical data**

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		