

## CRMKIT S 48VDC 4CO 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: 4, CO contact AgNi, Rated control voltage: 24 V DC, 48 V DC, Continuous current: 7 A, PUSH IN, Screw connection, Test button available: Yes
Order No.	<a href="#">8000158993</a>
Type	CRMKIT S 48VDC 4CO L/D/PB UL
GTIN (EAN)	4099987371223
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	31 mm	Width (inches)	1.2205 inch
Net weight	1047.6 g		

**Temperatures**

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

**Control side**

Rated control voltage	24 V DC, 48 V DC	Rated current DC	45 mA
Power rating	1.2 W	Coil resistance	640 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	7 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	≤ 9 ms
Contact type	4 CO contact (AgNi)	Mechanical service life	2 x 10 <sup>7</sup> switching cycles

**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**

Pollution severity	2	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	3 kVeff / 1 min.	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>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16

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## Technical data

Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>	Blade size	0.6 x 3.5 mm
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### 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		