

CRMKIT S 110VDC 2CO L/D/PB UL

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

www.weidmueller.com

General ordering data

Version	, Number of contacts: 2, CO contact AgNi, Rated control voltage: 24 V DC, 110 V DC, Continuous current: 12 A, PUSH IN, Screw connection, Test button available: Yes
Order No.	8000158981
Type	CRMKIT S 110VDC 2CO L/D/PB UL
GTIN (EAN)	4099987371087
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	1048.6 g		

Temperatures

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

Control side

Rated control voltage	24 V DC, 110 V DC	Rated current DC	45 mA
Power rating	1.2 W	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	12 A
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
AC switching capacity (resistive), max.	3000	DC switching capacity (resistive), max.	288 W @ 24 V
Switch-on delay	≤ 20 ms	Switch-off delay	≤ 9 ms
Contact type	2 CO contact (AgNi)	Mechanical service life	2 x 10 ⁷ 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.	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 ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	1.5 mm ²	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 ²
Twin wire-end ferrules, max.	1.5 mm ²	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		